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ABSTRACT

References with annotations in seven key rural development areas and suggestions on sources of information are contained in this selective bibliography on rural development. Community leaders, rural development committees, researchers, and community resource development personnel should find the publication useful for identifying and obtaining literature or information for program design and implementation. Subject areas are (1) fire and emergency services, (2) health care delivery systems, (3) sanitary services and sewage systems, (4) manpower training and vocational education, (5) public recreational facilities and planning, (6) local government structure and taxation, and (7) rural housing. Only publications from 1969-75 which directly treat rural development in the U.S. are included, with emphasis on national or regional applicability. The more than 350 citations are listed according to publication date, with most recent first, and then alphabetized by title. Under each subject area, relevant agency sources of information, publications, visual aids, bibliographies, primary journals, and newsletters are given. A separate information source section related to all aspects of rural development lists agencies, regional rural development centers, current publications (directories, guides, journals, newsletters, bibliographies, indexes), and on-line search facilities. (BS)

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RURAL DEVELOPMENT LITERATURE

An Annotated Bibliography 1969-75

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NATIONAL INSTITUTE OF EDUCATION

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RURAL DEVELOPMENT SERVICE
U.S. DEPARTMENT OF AGRICULTURE
JANUARY 1976
WASHINGTON, D.C. 20250

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FOREWORD

The Rural Development Act of 1972 has spurred interest in rural development and provided a framework for action. Many working in this area have been without literature or information resources to make important decisions. They are constantly seeking information on new ideas, strategies, procedures, and techniques appropriate to their purposes. This selective bibliography attempts to satisfy this need by providing references with annotations in seven key rural development areas, and some suggestions on where to get information or help.

Community leaders, rural development committees, researchers, and community resource development (CRD) personnel should find this publication useful as a starting point in identifying and obtaining literature or information for program design and implementation. Seven subject areas have received concentrated attention. They are:

Fire and Emergency Services
Health Care Delivery Systems
Sanitary Services and Sewage Systems
Manpower Training and Vocational Education
Public Recreational Facilities and Planning
Local Government Structure and Taxation
Rural Housing

These are subjects often neglected or less readily known to CRD personnel and rural development committees. Other important areas such as land-use planning have not been included because of the proliferation of literature on this and other rural development topics. The bibliography is not intended to be complete. Only those publications felt to provide maximum and continuing value are listed. The closeout date on citations is June 1975. The limitation to 1969-75 literature was introduced to ensure the most up-to-date coverage. Only publications directly treating rural development in the United States were included, and emphasis was placed on national or regional applicability. A few local studies or findings which could serve as models were cited, however.

The bibliography is the result of a dollar investment by the National Agricultural Library at the Southern Rural Development Center which invested an equal or greater amount of labor to compile the bibliography. Hundreds of letters were sent to rural development individuals, agencies, and organizations throughout the United States for information, bibliographies, and copies of materials. People knowledgeable in specialized fields were asked to recommend sources and citations, and to review the final compilations.

The sources of information will serve as a useful adjunct to the bibliography. Together they should provide those involved in rural development with a new base of knowledge.

HOW TO GET THE PUBLICATIONS

Availability of documents, publishers, prices, and journal citations are given to assist in acquiring the literature when needed. Most of the State land-grant libraries will have the publications for loan or photocopy, OR will be able to assist in obtaining them. Where the item is not free from the publisher, it is suggested that the land-grant libraries be the first source utilized.

Periodical and Journal Articles — Try your State land-grant library first, or ask their help in obtaining. Photocopied article will usually cost. See the Prime Literature section following as well as the introduction to each bibliographic section for the major periodicals, sources, and methods of acquisition. Securing reprints from authors or organizations may incur some charges not identified in the bibliography.

Extension Service and Experiment Station Publications. — Generally available free by writing or phoning the agency. If out of print, go to your State land-grant library.

Federal Documents — Many of the USDA publications may be had free from the issuing agency by writing or calling them. Documents with major prices must be purchased, usually from:

U. S. Government Printing Office
Washington, D. C. 20402

Those available from NTIS may be purchased at:

National Technical Information Service
Springfield, Virginia 22151

ERIC documents may be purchased from:

ERIC Document Service
P. O. Drawer O
Bethesda, Maryland 20014

Prices of all documents are subject to change, and some with no price may not now be free. Superintendent of Documents numbers have been added to facilitate ordering. Most land-grant libraries have the Supt. of Docs. items on deposit, and may also receive and store selected NTIS and ERIC documents.

Commercial and Private Publishers Several leading organizations are given with addresses at the beginning of each bibliographic section. Others may easily be obtained from a library. Major publications, particularly those from commercial houses, will be available at land-grant libraries for loan.

Lending Libraries and Photocopy Requests

State Land-Grant Libraries are recommended as the first point of contact when borrowing or requesting a copy of a journal article. They offer the closest source for information, documents, and reference assistance. If photocopies are required, a charge may be expected.

National Agricultural Library Loans will be made to local libraries where you may place your request. USDA employees may borrow directly. Payments for photocopies must accompany requests; many land-grant institutions have deposit accounts with NAL. Orders for photocopies, Library coupons for purchase, or requests for order blanks may be sent to:

National Agricultural Library
Lending Division
Beltsville, Md. 20705

Regional Medical Library Service The health citations might be more easily obtained through the RMLS established by the National Library of Medicine when they must be borrowed or copied from a journal. Eleven regions are established under the Service, and it is recommended that you contact your local land-grant library about service through this system.

SELECTED SOURCES OF INFORMATION ON RURAL DEVELOPMENT

These primary information resources were found to be valuable in the compilation and dissemination of information concerning all aspects of rural development. Other information contact points are given under each of the specific subject areas of this bibliography and should also be consulted. Also see the Guide to Federal Programs for Rural Development (USDA, Rural Development Service, 4th ed., 1975) for contact names.

U. S. DEPARTMENT OF AGRICULTURE

Rural Development Service
Mr. James R. Madison
Public Information Officer
Rural Development Service
U.S. Department of Agriculture
Washington, D. C. 20250
Phone: 202-447-6557

Service is responsible for helping rural communities to find sources of financial and technical assistance for developing facilities and services in rural areas. Facts on Rural Development Resources are issued as information becomes available on a specific subject. Yearly reports to Congress are also of interest. Distributes these and other publications.

Extension Service
Mr. Donald Nelson
Program Leader
RD Information
Extension Service
U.S. Department of Agriculture
Washington, D. C. 20250
Phone: 202-447-2548

Primary educational arm for RD in USDA. Its CRD Newsletter is indispensable for keeping up with rural development activities. Covers all subjects in this bibliography as well as the more usual ones of land use, economic development, community leadership, and related rural development topics. Free distribution and primarily intended for Extension CRD personnel. Sends publications and makes information referrals.

Agricultural Research Service
Director
Information Division
Agricultural Research Service
U.S.Department of Agriculture
Washington, D. C. 20250
Phone: 202-447-4433

Research in progress is in the CRIS system; will send their publications to those in agricultural research; many of the reports in recent years are on topics of direct interest to rural development.

Economic Research Service
Dr. William C. Motes
Economic Development Division
Economic Research Service
U.S. Department of Agriculture
Washington, D. C. 20250
Phone: 202-477-8225

Sponsors research and produces publications on agricultural economics and related socio-economic studies. Publishes Economics of Agriculture, a yearly annotated bibliography of its research studies.

National Agricultural Library
Beltsville, Maryland 20705

Write Reference Division for assistance with inquiries; or
Phone: 301-344-3756

Write CAIN On-Line for information on on-line bibliographic searches; or
Phone: 301-344-3816 for emergency service.

Extensive collection of books, periodicals, and other materials covering agriculture and related topics; responsible for building a library of research materials, most strongly in fields of agriculture related to rural development.

REGIONAL RURAL DEVELOPMENT CENTERS

Established by directors of State extension services and experiment stations under the Rural Development Act of 1972. These Centers are available to assist with inquiries or requests for regional rural development information. All have publications and will send most free of charge. Centers can supply information on expertise and projects under universities and agencies throughout their region.

Northeast Region
Dr. Lee Day, Director
Northeast Regional Center for Rural Development
242 Roberts Hall
Cornell University
Ithaca, New York 14850
Phone: 607-256-6536

Southern Region
Mr. William W. Linder, Director
Southern Rural Development Center
Box 5406
Mississippi State, Mississippi 39762
Phone: 601-325-5843

Western Region
Dr. Harland Padfield
Director
Western Area Center for Rural Development
315 Extension Hall
Oregon State University
Corvallis, Oregon 97331
Phone: 503-754-3621

North Central Region
Dr. Ronald Powers, Director
North Central Center for Rural Development
Room 578 East Hall
Iowa State University
Ames, Iowa 50010
Phone: 515-294-8397

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Office of Rural Development

Mr. John L. Huerta
Rural Development Specialist
U.S. Department of Health,
Education, and Welfare
Donohoe Building, Room 3853
400 6th Street, S.W.
Washington, D. C. 20005
Phone: 202-245-6661

Maintains official HEW link to other U.S. Departments on rural development matters. Seeks to identify barriers to delivery of HEW services to rural areas and to the most effective delivery of those services.

PRIMARY CURRENT PUBLICATIONS IN RURAL DEVELOPMENT

This brief list is the basic reference literature which would provide a minimum library of journals, directories and bibliographies for keeping up with advances in rural development and community resource development.

DIRECTORIES, GUIDES, AND BACKGROUND PUBLICATIONS

HOW TO GET INFORMATION FROM THE U. S. DEPARTMENT OF AGRICULTURE
Washington, D. C.: Office of Communication, U. S. Department of Agriculture, Revised November 1974. 4 pp. Free from Office of Communication, USDA, 20250.

Names agencies, addresses, telephone numbers according to areas of interest; revised regularly.

1975 REVISED GUIDE TO THE RURAL DEVELOPMENT ACT OF 1972
Washington, D. C.: U. S. Government Printing Office, January 1, 1975. 102 pp. 93rd Congress, 2nd Session Committee Print. $1.70 from GPO, 20402. May be obtained free from most Congressional Offices.

Annual staff report for the Subcommittee on Rural Development of the Committee on Agriculture and Forestry, U. S. Senate. In addition to a reprint of the 1972 Act, and its implementation, includes names and addresses of assistance or information contacts of Federal Regional Councils; Farmers Home Administration State Director, State Extension, Conservation, Forestry, and Experiment Station Directors; and EPA regional offices.

GUIDE TO FEDERAL PROGRAMS FOR RURAL DEVELOPMENT (1975)
Washington, D. C.; Rural Development Service, U. S. Department of Agriculture, 1975. 329 pp. Available from the Rural Development Service, USDA, 20250.

In its fourth edition with periodic revisions. This is the financial and grant reference tool for administrators in rural development. In five parts in 1975: I. Jobs, Business, Industry. II. Community Facilities. III. Community Functions and Services. IV. Housing. V. Planning and Coordination. Each entry under all parts generally includes information on available assistance, eligibility requirements, and a contact point. Appendices are extensive, including a directory of Federal agency regional and local offices.

RURAL DEVELOPMENT: FIFTH ANNUAL REPORT OF THE PRESIDENT TO THE CONGRESS ON GOVERNMENT SERVICES TO RURAL AMERICA.
Washington, D. C.: Rural Development Service, U. S. Department of Agriculture, 1974. 68 pp. Free from the Rural Development Service, USDA, 20250.

An annual report to Congress on Federal outlays for Government services. Extensive statistical data.

RURAL DEVELOPMENT: INFORMATION AND TECHNICAL ASSISTANCE DELIVERED BY THE DEPARTMENT OF AGRICULTURE IN FISCAL YEAR 1975: SIXTH ANNUAL REPORT TO THE CONGRESS

Washington, D. C.: Office of the Secretary, U. S. Department of Agriculture, 1975. 108 pp. Free from the Rural Development Service, USDA, 20250.

Includes summary data on activities, and a State-by-State narrative of ten program areas. Includes list of State-USDA Rural Development Committee chairmen with addresses, and a list of statewide non-USDA rural development groups.

HEW PROGRAMS FOR RURAL AMERICA, 1975

Washington, D. C.: U. S. Government Printing Office, 1975. 102 pp.

Prepared by the HEW Office of Rural Development for the Subcommittee on Rural Development of the Committee on Agriculture and Forestry, U. S. Senate. Available from the compiling office, 20005.

1974-75 PROFESSIONAL WORKERS IN STATE AGRICULTURAL EXPERIMENT STATIONS AND OTHER COOPERATING INSTITUTIONS (AGRICULTURE HANDBOOK NO. 305)

Washington, D. C.: U. S. Government Printing Office, 1974. 215 pp. $2.70.

Prepared by the Cooperative State Research Service each year and widely distributed. Includes land-grant and cooperating institution personnel, job titles, and addresses.

THE QUALITY OF RURAL LIVING: Proceedings of a Workshop

Washington, D. C.: National Research Council, Div. of Biology and Agriculture, Agricultural Board, 1971. 146 pp. $2.75 from National Academy of Sciences, 2101 Constitution Avenue, N. W., 20418.

Although this conference was held in 1969, the discussions and papers constitute one of the finest sources of summary information and reasoned recommendations in the literature. The 45 participants were affiliated with economics, sociology, housing, welfare, medicine, education, and nutrition.

TOWARDS A RURAL DEVELOPMENT POLICY, by James Gray Maddox

Washington, D. C.: Report No. 134 of the National Planning Association, 1606 New Hampshire Avenue, N. W., 20009. 29 pp. $1.00 from the Association. (NAL Call No.: HN 90.C6M3)

Basically a discussion of the Rural Development Act of 1972, its antecedents and probable implications, and direction for future policies and progress. Maddox is in the Department of Economics, North Carolina State University.

COMMUNITIES LEFT BEHIND: ALTERATIVES FOR DEVELOPMENT

Ames, Iowa.: Iowa State University Press, 1974. 147 pp.

Conference papers edited by North Central Regional Center for Rural Development staff. Emphasis is on socio-economic aspects; excellent bibliographic references.

JOURNALS AND NEWSLETTERS

These periodicals cover a range of topics about rural development. The frequency of citations to these journals in the bibliography gives an indication of their relevance. Also, consult the seven subject areas for journal listings of these special subjects.

AGRICULTURAL ECONOMICS RESEARCH Economic Research Service U.S. Department of Agriculture Available from U.S. Government Printing Office $2.60 a year, 4 issues	Reports of economic and statistical research in the U.S. Department of Agriculture and cooperating agencies. Largely technical.
AMERICAN INSTITUTE OF PLANNERS JOURNAL American Institute of Planners 1776 Massachusetts Avenue, N. W. Washington, D. C. 20036 $12.00 a year, 6 issues	Broad coverage in the planning field, its aim is "unified development of urban communities and their environs and of States, regions, and the Nation."
CRD NEWSLETTER Extension Service U.S. Department of Agriculture Washington, D. C. 20250 Free, 11 issues a year	Basic newsletter for community resource development (CR) in USDA-State Extension Service activities. Covers brief notes on research, courses, meetings, awards, personnel, and an excellent current publications listing. Primarily intended for Extension CRD personnel. The same Office issues a series called NOTES on seven subjects:...INDUSTRIAL DEVELOPMENT NOTES, HOUSING PROGRAM..., MANPOWER PROGRAM..., HEALTH PROGRAM..., TRANSPORTATION PROGRAM..., WATER, SEWER AND SOLID WASTE PROGRAM..., PARK AND RECREATION NOTES.
JOURNAL OF THE COMMUNITY DEVELOPMENT SOCIETY 718 Clark Hall University of Missouri Columbia, Missouri 65201 $15.00 a year, 2 issues	Contains research information, documented case studies, and reports of field practitioners' experiences in community development.
LAND ECONOMICS Journals Department 129 University of Wisconsin Press Box 1379 Madison, Wisconsin 53701 $20.00 a year, 4 issues	Technical articles, many applicable to rural development and land use.

RURAL SOCIOLOGY
John E. Dunkelberger
Department of Agricultural
Economics and Rural Sociology
Auburn University
Auburn, Alabama 36830
$16.00 a year, 4 issues

Scholarly treatment of all issues essential to rural development planning and implementation.

SOIL CONSERVATION
Soil Conservation Service
U.S. Department of Agriculture
Washington, D. C. 20250
$2.00 a year, 12 issues
Order from U. S. Government
Printing Office

Popular articles in vital areas, including many on rural recreation enterprises.

BIBLIOGRAPHIES, INDEXES, AND ON-LINE SEARCHES

This is a skeleton list of basic reference tools for literature searching in rural development. Others are included under appropriate sections of this bibliography.

BIBLIOGRAPHY OF AGRICULTURE
Scottsdale, Arizona 85257: Oryx Press, 1975 and continuing. $85.00 a year, 12 issues; separate monthly Subject Index, $85.00; Annual Cumulative Index, $145.00 in 2 volumes.

Published since 1942 when begun by the National Agricultural Library; presently published commercially from the NAL magnetic citation tapes issued monthly. Approximately 100,000 citations a year from worldwide journals, serials, and reports. Basic index to American agriculture.

AN ANNOTATED BIBLIOGRAPHY OF SMALL TOWN RESEARCH, Prepared by Suzanne M. Smith
Madison, Wisconsin.: Department of Rural Sociology, College of Agricultural and Life Sciences. University of Wisconsin, 53706. 137 pp. 568 items. Free from Department of Rural Sociology. (NAL Call No.: Z7164.S68S6)

Very comprehensive listing of books, articles, bulletins, and theses from 1900 to 1968 on small towns in the United States. Stress on demographic or ecological works.

1973-1974 U.S. GOVERNMENT PRINTING OFFICE PUBLICATIONS USEFUL FOR RURAL DEVELOPMENT
Compiled by Daniel S. Kuennen. 63 pp., about 300 citations. Extension Service, University of Delaware, 1975. Address: R.D. 2, Box 48, Substation Building, Georgetown, Delaware 19947.

Compiled annually. Free from the author.

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE CATALOG OF PUBLICATIONS
Washington, D. C.: U.S. Department of Health, Education and Welfare, Office of Administration and Management, 1973 Cumulative Issue, 1974. 164 pp., about 750 entries.

ON-LINE CITATION SEARCHES

The advances of computerized on-line citation services offer a new method for locating special citations or compiling limited bibliographies. Because of their wide availability today, three literature searching systems on-line are cited. Nearly all involve direct costs to the user.

CAIN

CAIN is the National Agricultural Library's cataloging and indexing output of 700,000 citations dating from 1970 covering journal articles, bulletins, and books from the world agriculture literature. The data base is available on-line from two commercial retrieval firms; approximately 20 other citation files, including that of the National Technical Information Service, are available from the same commercial services.

Services from NAL may be requested by writing to:

Reference Division
National Agricultural Library
U.S. Department of Agriculture
Beltsville, Maryland 20705
or
CAIN Hot Line: 301-344-3816

Several land-grant libraries also subscribe to the CAIN on-line service and may be able to provide searches. Main libraries at these land-grants are known to be on-line with CAIN:

University of Arizona
Auburn University
University of California at Davis, Berkeley, & Riverside
Colorado State University
University of Florida, Hume Library
University of Massachusetts
Michigan State University
University of Nevada, Fleischmann Library
University of New Hampshire, Experiment Station Library
North Carolina State University
Pennsylvania State University
Prairie View A&M University
Texas A&M University
Utah State University
Washington State University
University of Wisconsin, Steenbock Library

MEDLARS

The Medical Literature and Analysis Retrieval System of the National Library of Medicine is based on Index Medicus: about 2,300 of 18,000 medical journals indexed since 1960. Access by key words; on- and off-line systems. May be tapped through requests to local medical school or hospital libraries.

SOLID WASTE INFORMATION RETRIEVAL SYSTEM (SWIRS)

EPA data bank of approximately 23,000 items. Includes citations from a core list of 700 serial titles, also cites reports, monographs, laws, and other related materials from the United States and abroad. Request service or information of:

U.S. ENVIRONMENTAL PROTECTION AGENCY
Mr. John A. Connolly
1835 K Street, N. W.
Washington, D. C. 20006

REFERENCES AND INFORMATION SOURCES

FOR

SEVEN RURAL DEVELOPMENT SUBJECTS

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I. FIRE AND EMERGENCY SERVICES

Emergency medical services are included in this section. See Section II on health care delivery for related materials.

SOURCES OF INFORMATION

National Emergency Medical Services Information Clearinghouse

Contact:
Mr. Scott Otterbein
Research Assistant
National Emergency Medical Services Information Clearinghouse
Department of Community Medicine
4219 Chester Avenue
Philadelphia, Pennsylvania 10104
Phone: 215-243-6304

Operated by the Center for the Study of Emergency Health Services; has compiled approximately 1,000 titles on EMS to date and also distributes "information packets" on various EMS problem areas.

Emergency Medical Services Division, Health Services Administration

Contact:
Miss Mary Kent, Director
National Emergency Health Services Clearinghouse
Health Services Administration
U.S. Department of Health, Education, and Welfare
Box 911
Rockville, Maryland 20185
Phone: 301-436-6267

Supplies federal financial support, technical assistance, and encouragement for development of better emergency medical systems throughout the nation. Its brochures may be of interest. The National Emergency Health Services Clearinghouse is a function within the EMS Division, supplying more technical information and assistance.

National Fire Protection Association International

Contact:
Mr. Charles S. Morgan, President
National Fire Protection Association International
470 Atlantic Avenue
Boston, Massachusetts 02210
Phone: 617-482-8755

Provides basic technical data, holds conferences and seminars, and provides field service and staff specialists and special interest services where needed. Bimonthly Fire Journal promotes science and improves methods; Fire News, newsletter about all that affects the fire protection field; Fire Technology, quarterly reports of latest developments in fire protection engineering and research.

PUBLICATIONS AND VISUAL AIDS.

National Fire Protection Association International, Boston: 34 pp., about 300 citations, 1974. Free.

Materials on codes, standards, recommended practices, and manuals; also timely reprints from fire journals. Published yearly, with supplements.

EMERGENCY MEDICAL SERVICES SELECTED BIBLIOGRAPHY
Compiled by John H. Noble, Jr., Henry Wechsler, Margaret E. La Montagne, and Mary Anne Noble
New York: Behavorial Publications, 1974. 149 pp., about 1500 citations, 1955-1974.

Encompasses periodic, monographic, and unpublished literature concerning emergency medical services, including English abstracts of articles published in foreign journals.

PRIMARY JOURNALS AND NEWSLETTERS

All related to emergency medical services are listed in Section II.

FIRE JOURNALS	See National Protection Association International on preceding page for details.
FIRE NEWS	
FIRE TECHNOLOGY	

1975

AMBULANCE SERVICES, MONROE COUNTY, TRENDS AND PROPOSALS
McMillan, Melville, Ron Shaffer, and Darlene Ebert
Madison: Department of Agricultural Economics, University of Wisconsin-Madison, 1975, 175 pp.

Thorough study of provision of rural ambulance services; trends in service, implications of new legislation, suggestions for delivery of services. Proposals arrayed as to cost and efficiency.

1974

FIRE PROTECTION SERVICE FOR RURAL AREAS AND FIRE INSURANCE COVERAGE OF RURAL PROPERTIES IN TENNESSEE, TENNESSEE FARM AND HOME SCIENCE PROGRESS REPORT 92
Badenhop, M. B. and T. Morris Jones
Knoxville: Cooperative Extension Service, University of Tennessee, 1974, 6 pp.

Interviews with officials of fire service departments, municipal and county officials, and agency representatives led authors to conclude fire protection inadequate in rural areas. Plan for obtaining better services for rural residents and businesses.

CONVERTING VEHICLES FOR USE AS FIRE APPARATUS OR RESCUE TRUCKS, CIVIL PREPAREDNESS CIRCULAR NO. 74-1
Washington, D. C.: Civil Defense Preparedness Agency, 1974, 11 pp.

How to acquire and modify surplus or donated vehicles for rescue and firefighting work.

DEVELOPING EMERGENCY MEDICAL SERVICES, GUIDELINES FOR COMMUNITY COUNCILS
Chicago: Commission on Emergency Medical Services, American Medical Association, 1974, 15 pp.

How to develop cooperation and involvement of all appropriate community agencies and health facilities in creating and maintaining effective emergency medical services.

THE ECONOMICS OF RURAL AMBULANCE SERVICE UNDER GREAT PLAINS CONDITIONS
Doeksen, Gerald A., Jack Frye, and Bernal L. Green
Working paper available from the authors, Oklahoma State University, Stillwater 77047, 1974, 42 pp.

Comparison of four alternative emergency medical service systems, two relying heavily on modestly paid volunteers. See also: "The Economics of Ambulance Service in Rural Oklahoma," Oklahoma Current Farm Economics 47(4): 27-38. December 1974. Available: Agricultural Experiment Station, Oklahoma State University, Stillwater 77407.

FIRE SERVICE PROJECTS
Washington, D. C.: Public Technology, Inc., 1974, 25 pp. Addresses: 1140 Connecticut Ave., 20036.

Describes improved or new product and system developments for community fire services; e.g., portable communications systems, study of fire station location, capital planning and budgeting for fire stations.

AN ALTERNATIVE STAFFING PROPOSAL FOR EMERGENCY ROOMS--THREE YEAR EXPERIENCES IN A RURAL HOSPITAL
Golomb, Harvey M. and Stuart R. Herrold
Journal of the American Medical Association 228(3):329-331. April 15, 1974.

As demand for emergency room services increases, new concepts for coverage need to be devised. A physician's assistant can be the second member of an emergency medical team.

RURAL EMERGENCY MEDICAL SERVICES: AN OVERVIEW
Philadelphia: National Emergency Medical Services Clearinghouse, 1974, 125 pp.
Address: 4219 Chester Ave., Philadelphia 19104.

Organizing to improve EMS in rural areas, training of paramedics, transportation, in-hospital care, dealing with physician shortage, costs. Includes bibliography and reprints of five pertinent articles.

RURAL EMERGENCY MEDICAL SERVICES SYSTEMS SEMINAR; PRESENTATION SUMMARIES
Athens: Ohio Valley Health Services Foundation, Inc., 1974, 37 pp. Address: 1 Blue Line Ave, Athens, 43201.

Relevant extracts from papers dealing with planning, organization, and operation of rural emergency health services in southeast Ohio. Guidelines for organizing such services.

A STUDY OF EMERGENCY MEDICAL SERVICES IN INDIANA
Sargent, Charles A.
West Lafayette: Agricultural Experiment Station, Purdue University, 1974, 31 pp.

Guide for local officials and community leaders seeking to upgrade EMS; information from publications and studies, ambulance services, medical personnel, state EMS officials, based on "ideal" EMS system.

BEST CHOICE OF FIRE PROTECTION: AN AIRPORT STUDY
Sphilberg, David and Richard deNeufville
Fire Technology 10(1):4-14. February 1974.

Explanation of how decision analysis can be used to determine best choice for level of fire protection, in theory and in application; technical.

WILDFIRE SAFETY GUIDELINES FOR SUBDIVISIONS AND DEVELOPMENTS
Cheyenne: Land Office Forestry Division, State of Wyoming, 1974, 4 pp.

Guidelines for review of subdivision developments; 19 factors (e.g., water supply) to be considered.

1973

AMERICA BURNING: REPORT OF THE NATIONAL COMMISSION ON FIRE PREVENTION AND CONTROL
Washington, D. C.: U.S. Government Printing Office, 1973, 177 pp., $2.35. (Y3. F51:1/973(S/N 5200-0004).

Contains excellent discussion of fire services, fire and the rural environment, and programs for the future. Outline of what is current practice and what is needed in addition.

CALIFORNIA'S FIRE HAZARD REDUCTION LAWS--ARE THEY EFFECTIVE?
Sacramento: Department of Conservation, State of California, 1973, 21 pp.

Evaluation of effectiveness of state laws, proposals to enhance effectiveness where necessary.

SOUTHEAST OHIO'S ANSWER TO THE EMERGENCY MEDICAL SERVICE
Cross, Cay
Appalachia 7(1):1-14. August-September 1973.

An entire issue devoted to one region's case history in EMS; looks at frequency of emergencies, location of ambulance stations, emergency medical training, becoming self-supporting, the community reaction. Summary and conclusions.

EMERGENCY MEDICAL SERVICES/TECHNICAL ASSISTANCE PROGRAM, EXECUTIVE SUMMARY
Washington, D. C.: Public Technology, Inc., 1973, 6 pp. Address: 1140 Connecticut Avenue, 20036.

Outlines ways a community can obtain technical assistance for improving delivery of emergency medical services.

AN EVALUATION OF EFFORTS TO PROVIDE FIRE SAFETY TO DEVELOPMENT AND OCCUPANCY WITHIN THE WILDLANDS OF CALIFORNIA
Sacramento: Department of Conservation, State of California, 1973, 18 pp.

As wildfires increase directly with use of wildlands for recreation and development, guidelines for fire safety standards are needed. This study inventories the degree to which state fire safety program guidelines have actually been implemented via local ordinances and measures effect.

RURAL PHONES GET EMERGENCY SYSTEM
Faber, Harold
The New York Times, February 18, 1973, p. 36.

By calling one toll-free number, rural residents can summon police, fire, and ambulance service. City and county officials, law officers, fire department and telephone company personnel, and community rescue squads cooperated.

EMERGENCY MEDICAL SERVICES: NEW PROGRAM FOR OLD PROBLEMS
Hanlon, John J.
Health Services Reports 88(3):205-212. March 1973.

A discussion of five demonstration projects throughout the U. S. to develop various approaches to providing emergency medical services.

SOME MEASUREMENT CRITERIA FOR COMMUNITY SERVICE OUTPUT AND COSTS: THE CASE OF FIRE PROTECTION IN TEXAS
Hitzhusen, Fredrick J.
Southern Journal of Agricultural Economics 5(1):99-107. July 1973.

A cost-output model of fire protection service. Quality is judged by how well people and property are protected. Technical.

RURAL EMERGENCY CARE: PROBLEMS AND PROSPECTS
Waller, Julian A.
American Journal of Public Health 63(7):631-634. July 1973.

A review of provisions for rural emergency care in Vermont: problems, achievements, and remaining obstacles with respect to population density, limited funds, and tourists and transients served.

URBAN-ORIENTED METHODS: FAILURE TO SOLVE RURAL EMERGENCY CARE PROBLEMS
Waller, Julian A.
Journal of the American Medical Association 226(12):1441-1446. Dec. 17, 1973.

Inadequate available skills and dollars often result in inadequate medical emergency services for rural areas. Personnel may not gain needed experience. Realistic plan of attack proposed; good references.

1972

COMMUNICATION LINES TIE NINE RURAL HOSPITALS INTO NETWORK
Modern Hospital 118(4):93-94. April 1972.

Nine hospitals share equipment and personnel to upgrade emergency health care for a rural region in southeast Oklahoma.

EMERGENCY MEDICAL SERVICES COMMUNICATIONS SYSTEM: HOW TO ESTABLISH A COMMUNITY INFORMATION SYSTEM
Washington, D. C.: U. S. Government Printing Office, 1972, 38 pp. 45¢. (HE 20.2002:EM 3/2).

From the Health Services and Mental Health Administration, U.S. Department of Health, Education, and Welfare.

FIRE SAFETY GUIDELINES FOR RURAL AREAS OF PENNSYLVANIA
Harrisburg: Bureau of Forestry, State of Pennsylvania, 1972, 16 pp.

Guidelines for planners, architects, local government officials who intend to build in or near forested areas.

A FIRE STATION PLACEMENT MODEL
Guild, Richard D. and Jess E. Rollin
Fire Technology 8(1):33-43. February 1972.

An analytical model to solve the fire station placement problem. Quick and ready graphs for use by fire service personnel.

EMERGENCY CARE CRISIS AVOIDED IN A RURAL COMMUNITY
Jacobs, Arthur R. and Christine L. Thurber
Health Services Reports 87(10):977-982. December 1972.

Study of use of emergency department in a rural hospital; recommendations that forestalled closing of department for lack of physicians to serve it.

FIRE RADIO NET GRIDS NEW YORK
Parsons, Wilfrid L.
The Minnesota Fire Chief 8(5):18-19. May-June 1972. Reprints available: Minnesota Fire Chief's Association, 1396 Bayard Ave., St. Paul 55101.

Description of a short-wave radio communications system in New York State to assist "mutual aid" fire services of all counties by standardizing frequencies.

1971

ELEVEN SOUTHEASTERN KENTUCKY COUNTIES LINK HOSPITALS BY RADIO
The American County 36(1):8-11. January 1971.

Two-way radios help bring faster and more efficient emergency health care to residents of rural areas.

EXTENSION OF PROJECT CARE (COORDINATED ACCIDENT RESCUE ENDEAVOR, STATE OF MISSISSIPPI) FINAL REPORT
Mississippi State: Divison of Research, College of Business and Industry, Mississippi State University, 1971, 205 pp.

Workable, coordinated statewide emergency medical system incorporating both helicopter and existing ground ambulance service. Procedures can be utilized in other states.

HELICOPTER AMBULANCE SERVICE TO EMERGENCIES
St. Paul: Department of Health, State of Minnesota, 1971, 161 pp. Also available through NTIS: PC $3.00/MF 95¢.

Without ground ambulance service and adequately trained personnel in the remote areas of the state, helicopters were used to transfer emergency medical cases to metropolitan hospitals.

RURAL AMBULANCE SERVICE
McClendon, E. C. and Jerald M. Fikes
Hospitals 45(8):69-71. April 16, 1971.

A mobile life support system operated by specially trained personnel brings 24-hour emergency service and health education to a rural area.

STUDY OF RURAL FREEWAY EMERGENCY COMMUNICATIONS FOR STRANDED MOTORISTS
Roth, Walter J.
Lansing: Traffic and Safety Division, Department of State Highways, State of Michigan, 1971, 99 pp. Also available through NTIS: PC $3.00/MF 95¢.

Two-year experiment with roadside motorist aid telephone system in rural areas. Operational and maintenance aspects of interest to state governments.

1970

COORDINATED ACCIDENT RESCUE ENDEAVOR, STATE OF MISSISSIPPI
Clark, J. Edwin, L. Ray Johnson, M. Wayne Parker, Donald W. Boatwright, and Donald F. Fitzgerald
Mississippi State: Engineering and Industrial Research Station, Mississippi State University, 1970, 184 pp. Also available through NTIS: PC $3.00/MF 95¢.

System operated by local people in existing medical and emergency services. Application of new techniques to existing technology.

NEEDS OF THE RURAL FIRE SERVICE AS AUTOMATION REACHES THE FARM
Ennis, A. M.
Fire Engineering 123(2):53-57. February 1970.

Hazards from bulk handling, storage, and processing of materials on farm; fertilizer blending; fire detection, water supply, and fire tactics.

FIRE SAFETY CONSIDERATIONS FOR DEVELOPMENTS IN FORESTED AREAS
Eugene: Forestry Department, State of Oregon, 1970, 11 pp.

Protection responsibilities: traffic flow, water supply, structural considerations, vegetative clearance, outdoor fireplaces and barbeques, solid waste disposal.

FIRE SERVICE SOLD AS A PACKAGE
Fire Engineering 123(1):42. January 1970.

Government agencies can purchase professional fire protection and fire control preparedness. Services of West Coast Fire Service, Inc. given as model.

PLANNING HELICOPTER TRANSPORTATION SYSTEM TO AUGMENT EMERGENCY AND REGIONAL MEDICAL PROGRAMS IN A TEST REGION OF WEST VIRGINIA
Jordan, Robert F., Jr., Frederick J. Wedmann, and Everett Carter
Morgantown: Department of Civil Engineering, West Virginia University, 1970, 123 pp. Also available through NTIS: PC $3.00/MF 95¢.

Identification and characteristics of study region; organization of demand; operation procedures, analysis, and results; issues to be considered.

ARE WE PREPARED?
Satzman, B.N.
Journal of the Arkansas Medical Society 67(5):162-165. October 1970.

The author questions the readiness of response to rural medical emergencies and makes recommendations.

NEW DIMENSIONS IN EMERGENCY MEDICAL RESCUE SERVICES
Shell, B. J., J. E. Clark, and P. Y. Nicholas
Journal of the Mississippi State Medical Association 11(5):257-261. May 1970.

Utilizing three helicopters with ambulance service in rural areas to provide more comprehensive emergency rescue capability.

1969

WATER SYSTEMS FOR RURAL FIRE PROTECTION, 1969
Boston: National Fire Protection Association International, 1969, $2.00. 470 Atlantic Ave., Boston 02210

Good overview of problems in fire protection of rural properties, with diagrams and descriptions for developing water storage for fire fighting. To be revised extensively in 1975.

II. HEALTH CARE DELIVERY SYSTEMS

SOURCES OF ADDITIONAL INFORMATION

Rural Health Care Association
Contact:
Ms. Sarah Y. Bowman
Chief of Research Services
Rural Health Care Association
701 E. Colfax
Denver, Colorado 80203
Phone: 303-832-3135

A public, non-profit corporation created in 1971 to develop approaches to health care systems in rural areas.

Rural Health Department
American Medical Association
Contact:
Dr. Bond Bible, Director
Department of Rural Health
Division of Medical Practice
American Medical Association
535 N. Dearborn Street
Chicago, Illinois 60610
Phone: 312-751-6000

Publishes timely, relevant books and booklets; a rich source of information and contacts. Their information packet is typical of a range of information available. The AMA sponsors an annual Rural Health Conference.

BIBLIOGRAPHIES

ASSESSMENT OF RURAL HEALTH RESEARCH, VOL. 1 and VOL 2.
Washington, D. C.: Office of Planning and Evaluation, U.S. Department of Agriculture, 1974, Vol. 1. 180 pp., Vol. 2, Part I, 282 pp., Vol. 2, Part II, 353 pp., 321 items cited as received. Available from NTIS, Springfield, Virginia 22151 for $19.25 as PB 240272.

A comprehensive inventory by Control Data Corporation of rural health care services research--ongoing projects and recent publications. An Executive Summary also available from NTIS for $4.25, PB 240271.

AN ANNOTATED BIBLIOGRAPHY ON RURAL MEDICAL CARE
Compiled by Karen A. Heald and James K. Cooper
Santa Monica, California.: The Rand Corporation, 1972. 35 pp., 178 citations, 1960-1971.

Compiled as part of an analysis of rural health care delivery, particularly the shortage of physicians in rural areas, sponsored by the Division of Health Evaluation, Department of Health, Education, and Welfare.

RURAL MENTAL HEALTH; SELECTED, ANNOTATED BIBLIOGRAPHY
Chapel Hill, North Carolina.: University of North Carolina School of Medicine, Community Psychiatry Division, 1974. 8 pp., 55 citations, 1966-1973. Free.

DISTRIBUTION OF HEALTH MANPOWER, AN ANNOTATED BIBLIOGRAPHY
Compiled by Ellen Sax
New York: National Health Council, Manpower Distribution Projects, 1973.
26 pp., 150 citation, 1972-1973.

Studies and articles pertaining to scarcity areas, health manpower supply and distribution, factors influencing location of health practitioners, and incentives focusing on alleviating maldistribution within the health field.

PRIMARY JOURNALS AND NEWSLETTERS

AMERICAN JOURNAL OF PUBLIC HEALTH
American Public Health Assn., Inc.
105 18th Street, N.W.
Washington, D. C. 20036
$30.00 a year, 12 issues

Scholarly treatment of all aspects of the field. More articles in recent years on rural health questions.

HEALTH PROGRAM NOTES
Community Resource Development
Extension Service, USDA
Washington, D. C. 20250
Free, but limited distribution; irregularly published

Title is new in 1975 having evolved over two years; lists prime information contacts, literature and research summaries. Primarily intended for Extension community health specialists.

HEALTH SERVICE REPORTS
U.S. Department of Health, Education, and Welfare
Available from
U.S. Government Printing Office
$10.10 a year, 6 issues

Helpful articles of value to those associated with public health, health and medical care, and community medicine. Covers delivery of health services, technical and research reports, new programs and ideas, and current happenings.

JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION
American Medical Association
535 N. Dearborn Street
Chicago, Illinois 60610
$30.00 a year, 52 issues

Frequently offers articles on EMS for professional viewpoint.

MEDICAL CARE REVIEW
University of Michigan School of Public Health
Room M2030E
1420 Washington Heights
Ann Arbor, Michigan 38104
$15.00 a year, 11 issues

Monthly review of literature in all aspects of health care field.

1975

AN URBAN-REARED PHYSICIAN LOOKS AT RURAL PRACTICE
Bernart, William R.
Working paper available from Dr. Bond Bible, American Medical Association, 535 N. Dearborn St., Chicago, Illinois 60610. Presented at 1975 Rural Health Conference.

Overview of good and bad points of rural primary practice. Suggests that physicians in rural areas should join established groups.

ASSESSMENT OF CURRENT AND RECENT RESEARCH ON RURAL HEALTH CARE DELIVERY BY USDA AND COLLEGES OF AGRICULTURE
Cordes, Sam M.
Working paper available from Dr. Bond Bible, American Medical Association. Presented at 1975 Rural Health Care Research Forum.

Research may be too heavily committed to consumer behavior or demand and utilization side of rural health services. The real research needs are in the supply or provision side.

ESTABLISHING A HEALTH CARE PRACTICE IN YOUR COMMUNITY
Washington, D. C.: Public Health Service, U. S. Department of Health, Education and Welfare, 1975, 19 pp.

Guidelines and procedures for a community with a health personnel shortage to follow in teaming up with National Health Service Corps.

FEDERAL HEALTH POLICIES IN RURAL AREAS, HEARINGS BEFORE THE SUBCOMMITTEE ON FAMILY FARMS AND RURAL DEVELOPMENT OF THE COMMITTEE ON AGRICULTURE, U. S. HOUSE OF REPRESENTATIVES, October 1, 2, 3, 1975
Washington, D. C.: U. S. Government Printing Office, 1975; Part I, 287 pp.; Part II, 174 pp.

Comprehensive overview of the state of rural health programs, progress, and needed action. Testimony from experts in related fields.

RURAL HEALTH SERVICES: ORGANIZATION, DELIVERY AND CONSUMPTION ASPECTS
Hassinger, Ed and Larry R. Whiting, eds.
Ames: North Central Regional Center for Rural Development, Iowa State University, 1975.

In print; contains several excellent papers.

EXTENDING HEALTH SERVICES TO RURAL AREAS—A MEDICAL SCHOOL DEAN LOOKS AT RURAL HEALTH SERVICES
Pearse, Warren H.
Working paper available from Dr. Bond Bible, American Medical Association. Presented at 1975 Rural Health Conference.

The Medical College of Virginia is working with communities to provide health services in rural areas. Suggestions for medical schools and for individual communities.

DICKINSON WISE MEDICAL GROUP--SOUTHWEST VIRGINIA COMMUNITY HEALTH SERVICES, INC. --HEALTH CARE SYSTEM
Sewell, S. R.
Working paper available from Dr. Bond Bible, American Medical Association. Presented at 1975 Rural Health Conference.

A nonprofit health organization working with a medical group is successfully providing health care to the people in rural southwestern Virginia and southeastern Kentucky.

1974

ASSESSMENT OF RURAL HEALTH RESEARCH
Washington, D. C.: Office of Planning and Evaluation, U. S. Department of Agriculture, 1974; Vol I, 180 pp.; Vol. II, Part 1, 282 pp.; Vol. II, Part 2, 352 pp. Available: NTIS PB No. 240271, PC: $19.25/MF: $2.75.

Comprehensive inventory of rural health care services research. Problem-oriented research of depth and quality for use in decision making is identified and a selection is evaluated. EXECUTIVE SUMMARY also available through NTIS, PC: $4.25/MF: $2.25; PB240272.

COORDINATION OF HEALTH PLANNING AND SERVICES IN RURAL AREAS--PROBLEMS AND REWARDS
Bible, Bond L.
Working paper available from the author, American Medical Association. Presented at Centre Area Health Council Conference, 1974, 15 pp.

Comprehensive look at the need for coordination in planning health care delivery services to rural areas with examples of successful programs and suggestions of ways to meet local needs.

PHYSICIANS AND PHYSICIAN SERVICES IN RURAL WASHINGTON
Cordes, Sam M. and Paul W. Barkley
Pullman: Agricultural Experiment Station, Washington State University, 1974, 6 pp.

Report of a study to determine if physician services could be increased by placing physicians in group practice rather than as solo practitioners.

FACTORS INFLUENCING PRACTICE LOCATION OF PROFESSIONAL HEALTH MANPOWER
Washington, D.C.: Bureau of Health Resources Development, Department of Health, Education, and Welfare, 1974, 68 pp.

Review of literature concerning geographic location of health professionals for use in planning, policy making, and administration of health manpower programs.

CAPITATION AND GROUP PRACTICE AS HEALTH CARE ALTERNATIVES, SPECIAL PAPER NO. 19
Favero, Philip
East Lansing: Center for Rural Manpower and Public Affairs, Michigan State University, 1974, 33 pp.

A case study of a prepaid group plan for health services in rural Minnesota. In operation for 30 years.

THE NEED FOR EFFECTIVE AND COMPREHENSIVE PLANNING FOR MIGRANT WORKERS
Fuentes, Jose Angel
American Journal of Public Health 64(1):2-10. January 1974.

Review of need for planned health services for migrants; problems and projects discussed, guidelines for action indicated.

MIGRATION OF URBANITES TO SMALL TOWNS FOR MEDICAL CARE
Garrison, Glen E., Warren H. Gullen, and Connie M. Connell
Journal of the American Medical Association 227(7): 770-773. February 18, 1974.

A new slant on health service availability to both rural and urban dwellers. Suggests that many urban dwellers receive better care in rural areas.

A PROFILE OF THE RURAL COMMUNITY MENTAL HEALTH CENTER
Jones, James D., Morton O. Wagenfeld, and Stanley S. Robin
Working paper available from the authors, Western Michigan University, Kalamazoo, 1974, 10 pp.

Rural community mental health centers have become strongly involved with the community for most effective service. Part of a study, "Emerging Roles of Community Mental Health Workers," funded by grant from the National Institutes of Mental Health.

THE PHYSICIAN DISTRIBUTION PROBLEM IN RURAL AREAS
Madison, Donald L.
Text of statement to the Subcommittee on Public Health and Environment of the Committee on Interstate and Foreign Commerce, U.S. House of Representatives, May 1974, 8 pp. Available from the author, School of Medicine, University of North Carolina, Chapel Hill, North Carolina 27514.

Discussion of reasons for scarcity of physicians in rural areas; suggestions for alleviating the problem.

HEALTH SERVICES IN RURAL AMERICA, BULLETIN NO. 362
Matthews, Tresa H.
Washington, D.C.: Rural Development Service, and Economic Research Service, U.S. Department of Agriculture, 1974, 40 pp. Free from Rural Development Serv., 20250.

Health care needs and services in rural areas are compared with those in urban areas. Federal health legislation and its effect on rural areas is discussed. Examples of successful public and private experimental health delivery programs are given.

NATIONAL HEALTH SERVICE CORPS AND PRIMARY CARE TRAINING: A MUTUALLY BENEFICIAL PLAN AFFECTING PHYSICIAN MALDISTRIBUTION
Pollner, P. and J. J. Parrish
Journal of the American Medical Association 228(11):1405-1407. June 10, 1974.

Establishment of a working relationship between primary care training programs and National Health Service Corps has substantive value in solving problems plaguing both groups.

PUBLIC HEALTH SERVICES IN TEXAS: A REGIONAL APPROACH
Austin: Department of Health, State of Texas, 1974, 14 pp. Free.

Report of work of regional teams in delivering health services to Texas counties without city-county health departments.

RURAL HEALTH PROJECT 734: PLANNING FOR HEALTH IN RURAL TEXAS COMMUNITIES
Sears, Barbara A.
College Station: Agricultural Extension Service, Texas A & M University, 1974, 42 pp.

Suggestions for planning and organizing a rural community health program including a form useful in gathering basic information to determine community health needs and resources.

SELECTED MEDICAL SERVICES BY REGION IN NORTH DAKOTA, BULLETIN NO. 24
Fargo: Cooperative Extension Service, North Dakota State University, 1974, 14 pp.

A survey of medical services available in the eight planning regions of North Dakota with suggestions for providing needed health services to sparsely populated areas.

HEALTH CARE DELIVERY: SPATIAL PERSPECTIVES
Shannon, Gary W. and E. E. Alan Dever
New York: McGraw-Hill, 1974, $6.95 text, $3.95 paper.

The geography of health care, focusing on the spatial component of the health care process and the spatial distribution of morbidity and mortality as pertaining to the health planning mode.

THE WASHINGTON STATE MEDICAL ASSOCIATION RURAL HEALTH PROJECT
Seattle: Washington State Medical Association, 1974, 12 pp. Free.

Results of three years of operation provide evidence that an in-area, resident Rural Health Care Coordinator may be the most cost-effective investment to improve health care delivery services.

1973

A HEALTH REFERRAL SYSTEM FOR MIGRANTS
Afek, Luella B.
Health Services Reports 88(1):31-33. January 1973.

Referrals for health care from one area and agency to another make continuity of care possible for migrants.

HEALTH CARE IN RURAL AREAS
Bible, Bond L.
Working paper available from the author, American Medical Association. Presented to Rural Sociology Section, Association of Southern Agricultural Workers Annual Meeting, 1973, 7 pp.

Suggest development of rural health care delivery systems on area-wide basis, increased use of allied health professionals, community-wide planning and organization of health services, and preventive health education programs.

USE OF HEALTH SERVICES IN A RURAL COMMUNITY
Borhani, N. O. and J. F. Kraus
Health Services Reports 88(3):275-288. March 1973.

The nature, distinction, and variation of health care services utilization are described for a county in California, with applicability to similar communities.

COMMUNITY HEALTH DELIVERY PROGRAMS: TASK FORCE REPORT
Chicago: American Medical Association, 1973, 58 pp.

Description of 30 community health delivery programs; recommendations for improving their effectiveness.

HEALTH CARE NEEDS AND RESOURCES IN PENNSYLVANIA: A GUIDE FOR STUDYING COMMUNITY HEALTH SERVICES
Cordes, Sam M. and Charles O. Crawford
University Park: College of Agriculture and Cooperative Extension Service, The Pennsylvania State University, 1973, 24 pp.

Discussion of health care and shortages; suggestions for increasing the quality and quantity of health services.

AUTOMATED MULTIPHASIC HEALTH TESTING: THE TVA EXPERIENCE
Craig, J. L.
Archives of Environmental Health 27(4):264-266. October 1973.

System for introducing rural populations to regular health care.

ORGANIZATION OF HEALTH SERVICES FOR RURAL AREAS
Crawford, C. O.
University Park: Agricultural Experiment Station, The Pennsylvania State University, 1973, 50 pp.

Analysis of rural health services in terms of primary, secondary, and tertiary care; distribution of health personnel; various modes of delivery; importance of health education; transportation; and financial support.

MEDICAL EDUCATION AND MEDICAL CARE IN UNDERSERVED RURAL AREAS
Estes, E. Harvey
Journal of Medical Education 48(12):118-120. December 1973.

North Carolina medical school uses community health workers to set up a system for teaching rural health problems and their solution.

HEALTH MANPOWER DEVELOPMENT AND RURAL SERVICES
Fenderson, D. A.
Journal of the American Medical Association 225(13):1627-1631. September 24, 1973.

Review of federal programs having direct bearing on rural health care and manpower needs, with recommendations for the future.

MODERN TUBERCULOSIS CONTROL, A SIX-YEAR FOLLOW-UP IN AN APPALACHIAN COMMUNITY
Furcolow, M. L. and R. W. Deuschle
American Review of Respiratory Disease 107(2):253-266. February 1973.

Demonstrates the feasibility of applying modern TB control methods in a small rural community; comprehensive discussion of health service delivery problems involved.

HEALTH SERVICES: AN ESSENTIAL COMPONENT OF RURAL DEVELOPMENT
Chicago: American Medical Association, Council on Rural Health, 1973, 4 pp.
The Council on Rural Health of the American Medical Association is a professional advisory group to the AMA's Rural Health Department. This booklet emphasizes the importance of cooperation with rural development programs for improving effectiveness of rural health care services.

INCREASING AVAILABILITY OF HEALTH SERVICES IN RURAL AREAS
Chicago: American Medical Association, 1973, 6 pp.
Report of activities of AMA's Council on Rural Health and Council on Health Manpower. Importance of cooperation between organized medicine on the local level and citizens of the area is stressed.

A PROPOSED ORGANIZATIONAL STRUCTURE FOR PROVIDING HEALTH SERVICES AND MEDICAL CARE IN THE STATE OF IOWA
MacQueen, John C. and Eber Eldridge
Ames: Cooperative Extension Service, Iowa State University, 1973, 200 pp.
A plan for providing health services to all the residents of Iowa through a series of health centers; community, area, regional, statewide.

THE CORRELATES OF HEALTH SERVICES IN THE STATE OF OHIO
Napier, Ted L.
Columbus: Department of Agricultural Economics, Ohio Agricultural Research and Development Center, The Ohio State University, 1973, 26 pp.
Report of research to determine access to medical doctors and hospital facilities in local communities. Implications for developing health services in rural areas.

MOBILE SERVICE CENTERS: A POTENTIAL MECHANISM FOR SMALL, RURAL COMMUNITY DEVELOPMENT, NO. ESO 68
Napier, Ted L.
Columbus: Department of Agricultural Economics, Ohio Agricultural Research and Development Center, The Ohio State University, 1973, 12 pp.
Medical, dental, guidance and counseling services, and basic adult education are made available to Appalachian communities via a mobile railroad unit.

RURAL AND APPALACHIAN HEALTH
Nolan, Robert L. and Jerome L. Schwartz, eds.
Springfield, Illinois: Charles C. Thomas, 1973, 249 pp., $11.50.
Conference report with comments on rural health problems. Insight and background material, possible solutions, and health care models in Appalachia are described.

APPLICATION OF A MODEL FOR HEALTH CARE SERVICES IN A RURAL SETTING
Penn, R. L.
American Journal of Public Health 63(1):33-36. January 1973.
A model for meeting health needs of a depressed rural county in northern Alabama. Theoretical basis as well as application of model.

HEALTH CARE IN RURAL NEW MEXICO
Sanchez, R. and G. Bynum
Journal of Medical Education 48(12):124-129. December 1973.
Study of inadequacies of health care delivery system of the state, with suggestions for improvement.

THE MENTAL HEALTH OF RURAL AMERICA: THE RURAL PROGRAMS OF THE NATIONAL INSTITUTES OF HEALTH
Segal, Julius, ed.
Rockville, Maryland: Office of Program Planning and Evaluation, National Institutes of Mental Health, 1973, 180 pp. $2.05 from Gov't Printing Office.
Suggests ways of meeting mental health needs of rural America.

1972

THE COMMUNITY MENTAL HEALTH CENTER: STRATEGIES AND PROGRAMS
Beigel, Allan, ed.
New York: Basic Books, Inc., 1972, 426 pp., $12.50.
Jones, Mitchel, "Community Involvement in the Planning of a Rural Mental Health Center"
Lopes, George, "Development and Delivery of Mental Health Services to Seven Rural Counties in North Dakota"
Morrison, Donald, "Partial Hospitalization Programs in Rural Mental Health Centers"
Nunnley, Barcus, "A Community Mental Health Center Program to Provide Emergency Inpatient Services in a Rural Area"

HEALTH CARE DELIVERY IN RURAL AREAS
Bible, Bond L.
Chicago: Department of Rural Health, American Medical Association, 1972, 48 pp.
An overview of the problem of health service delivery to people living in rural areas, along with selected plans and experimental models for solutions.

GRADUATE STUDENTS AND CAYUGA COUNTY PLAN A HEALTH CARE SYSTEM
Brown, Douglas R. N. Andrzejewsky and G. Cummings
Health Services Reports 87(6):496-500. June-July 1972.
Local group and university students cooperate to deliver health care.

THE FLORIDA PLANNING STUDY FOR IMPROVED DELIVERY OF HEALTH SERVICES TO THE MEDICALLY INDIGENT
Tallahassee: Bureau of Comprehensive Health Planning, Department of Health and Rehabilitative Services, State of Florida, 1972, 88 pp.
Recommendations for a regionalized health delivery system for the state; alleviating the imbalance of health services available in rural and inner-city shortage areas.

A PROGRAM FOR RURAL HEALTH DEVELOPMENT
Duvall, Merlin K.
Journal of the American Medical Association 221(2):168-171. July 10, 1972.

Government involvement in health care systems, with special emphasis on health maintenance organizations, family health centers, health manpower development, and emergency medical services.

GUIDELINES FOR COMMUNITY HEALTH PROGRAMS
Chicago: American Medical Association, 1972, 12 pp.

Guide for individuals and groups for health program planning and operation Includes checklist of persons who should be involved in community health programs and lists community and national data sources.

PUBLIC HEALTH SERVICES
Hanson, Ivan
in RESEARCH APPLICATION IN RURAL ECONOMIC DEVELOPMENT AND PLANNING. Still-Water: Agricultural Experiment Station, Oklahoma State University, 1972, 111-137.

Health planning programs and how they are gradually changing the concept of community health. Costs and distribution of health services, facilities, construction, regional medical programs, medical manpower programs, national financing proposals.

A MODERN PSYCHIATRIC DELIVERY SYSTEM FOR URBAN AND RURAL AREAS
Hofstatter, L., G. A. Ulett, W. A. Thompson, A. Ameiss, and P. J. Gannon
Southern Medical Journal 65(7):875-881. July 1972.

Trends in psychiatric care; describes complex of community-based clinics.

HEALTH CARE AT MANY FARMS: A TECHNOLOGICIAL MISFIT OF HEALTH CARE AND DISEASE PATTERN EXISTED IN THIS NAVAJO COMMUNITY
McDermott, Walsh, Kurt W. Deuschle, and Clifford R. Barnett
Science 175 (4017):23-31. January 7, 1972.

An in-depth critical discussion of the delivery of medical care to a widely dispersed, impoverished people.

MODEL RURAL HEALTH PROGRAMS
Chicago: American Hospital Association, 1972, 48 pp.

Summary of 21 rural health programs includes: sponsoring organization, geographic area and population served, objectives, staffing, operation and administration of services, financing costs, and problems.

SUMMARIES OF HEALTH PROGRAMS PRESENTED AT THE GOVERNOR'S CONFERENCE ON INNOVATIONS IN HEALTH CARE DELIVERY
Raleigh: North Carolina Comprehensive Health Planning, State of North Carolina, 1972, 21 pp.

In-depth description of eight community health programs operating in medically underserved areas of North Carolina; from physician assistant to a multispecialty group practice in five-county area.

MEDICAL CARE FOR SMALL COMMUNITIES: GOVERNOR'S CONFERENCE ON COMMUNITY HEALTH ASSISTANCE

Raleigh: North Carolina Office of Comprehensive Health Planning, 1972, 53 pp. Free.

Excellent brief on planning, innovations in rural health care, and recruiting the physician.

REACHING OUT TO RURAL COMMUNITIES
Phillips, Donald F.
Hospitals 46(11):53-57. June 1, 1972, and 46(12):33-38. June 16, 1972.
Describes AHA outreach programs: the hospital's expanding role in health care, the importance of using community resources.

RURAL MEDICAL CARE: AN EXPERIMENTAL DELIVERY SYSTEM
Reid, Richard A., Betty J. Eberle, Lois Gonzales, Naomi L. Quenk, and Robert Oseasohn
Working paper available from Robert Oseasohn, Office of the Dean, School of Public Health, University of Texas at Houston, 1972, 22 pp.
Description of experimental health care delivery system using a family nurse practitioner located in a small rural clinic under the supervision of physicians at the medical center.

1971

SOME RELEVANT CONCERNS AND ISSUES IN RESEARCH ON PERSONAL HEALTH DELIVERY SYSTEMS WITH SPECIAL EMPHASIS ON NONMETROPOLITAN AREAS
Crawford, Charles O.
in Lendley, S. M., ed. WORKING PAPERS ON RURAL COMMUNITY SERVICES, Washington, D.C.: U. S. Department of Agriculture, March 1971. Also Educational Research Library, National Institute of Education.
Discussion of high-priority research problems within four major health areas: organization, manpower, utilization, finance.

DEMOGRAPHIC FACTORS, MEDICAL PERSONNEL AND FACILITIES OF HEALTH SERVICE PLANNING REGIONS FOR LOUISIANA: A STATISTICAL COMPENDIUM FOR PLANNERS, BULLETIN NO. 658.
Curry, Evans W., Alvin L. Bertrand, Mary Z. Ferrell, and Virginia P. Steelman
Baton Rouge, Louisiana: Agricultural Experiment Station, Louisiana State University, 1971, 52 pp.
Demographic and socioeconomic factors as well as health care resources information on the Health Services Planning Regions to assist in health delivery system planning.

RURAL HEALTH IN THE UNITED STATES
Hassinger, Edward W. and Robert J. McNamara
in THE QUALITY OF RURAL LIVING: PROCEEDINGS OF A WORKSHOP. Washington, D. C.: National Academy of Sciences, 1971, 8-27.
Description of the state of health in rural America, review of history and literature in this field.

HEALTH CARE DELIVERY: SOME PROPOSALS FOR MISSISSIPPI
New South 26(4):65-69. Fall 1971.
Conclusions and proposals of an in-depth study of medical needs of 20 Mississippi Appalachian counties conducted by University Medical Center.

COMPREHENSIVE HEALTH PLANNING: A MANUAL FOR LOCAL OFFICIALS
Powell, Mel D., William B. Bodwvitch, Bruce P. Fiedelman, and William C. Winter
Washington, D.C.: National Association of Counties, 1971, 85 pp.
Organizing a health planning agency, collecting and analyzing data, formulating goals, developing and implementing plans, evaluating programs.

REPORT ON HEALTH SERVICES FOR RURAL VIRGINIA TO THE RURAL AFFAIRS STUDY COMMISSION
Richmond, Virginia: Office of Comprehensive Health Planning, Virginia State Health Department, 1971, 123 pp. Free.

Comprehensive plan with extensive detail on needs, methods for planning services, legislative needs, and organization. Strong points incorporated in U.S. P.L. 93-641: The National Health Planning and Resources Development Act of 1974. A 16-page summary is also still available.

PROCEEDINGS OF REGIONAL CONFERENCE ON THE EXPANDED ROLE OF THE NURSE
Boise: Mountain States Regional Medical Program, 1971, 60 pp. Address: 305 Federal Way, Box 5796, Boise 83705.

Reports of action groups in participating states; suggestions for solving shortages of health personnel.

A STRATEGY FOR HEALTH MANPOWER--REFLECTIONS ON AN EXPERIENCE CALLED MEDEX
Smith, Richard A., Gerald R. Bassett, Carnich A. Markarian, Ramond E. Vath, William L. Freeman, and G. Frederick Dunn
Journal of the American Medical Association 217(10):1362-1367. September 6, 1971

MEDEX is a program creating a new class of medical professionals who work with physicians in providing medical care. It is one answer to the rural community with a shortage of health manpower.

RURAL HEALTH CARE SYSTEMS
Wilson, Vernon W.
Journal of the American Medical Association 216(10):1623-1626. June 7, 1971.

Discussion of federal proposals for improving rural health through health maintenance organizations, family health centers, extension of medical facilities construction, promoting health manpower production, and expanding data collection.

1970

RURALITY, POVERTY, AND HEALTH: MEDICAL PROBLEMS IN RURAL AREAS, AGRICULTURAL ECONOMIC REPORT NO. 172
Doherty, Neville
Washington, D.C.: U.S. Department of Agriculture, 1970, 10 pp.

General review of health care problems to include health care needs in rural areas, health care problems of the rural poor, public and private programs to combat the problems.

THE HEALTH DELIVERY SYSTEM FOR THE POOR IN THE STATE OF ARKANSAS
Dougherty, L.A.
Santa Monica, California: Rand Corporation, 1970, 40 pp.

Which organizations deliver the services? Who finances the different parts of a health delivery system? What are characteristics of recipients?

MEDICAL CARE DELIVERY IN RURAL AMERICA: DEVELOPMENT, PROBLEMS, AND SELECTED MODES OF DELIVERY
McVerty, John Arnold
Unpublished thesis, University of Iowa, 1971, 109 pp.

History of medical care in rural America and some of the barriers for consumer and producer. Five different health care delivery system modes are explained and summarized.

III. SANITARY SERVICES AND SEWAGE SYSTEMS

SOURCES OF INFORMATION

Environmental Protection Agency
Municipal Technology Branch
Environmental Protection Agency
401 M. Street, S. W.
Washington, D. C. 20406
Phone: 202-755-0707

Offers several relevant publications, including Guides series; one evaluation of sewer systems, designed to assist local jurisdictions in qualifying for Federal grants, was published in 1975. Copies are available from the Water Programs Office in each EPA regional office.

American Society of Sanitary Engineering
228 Standard Building
Cleveland, Ohio 44113
Phone: 216-621-8520

Provides information services on all aspects ranging from plumbing to sewage disposal; publishes a monthly ASSE Newsletter and a Yearbook.

BIBLIOGRAPHIES

BIBLIOGRAPHY OF RURAL SUBURBAN SEWAGE TREATMENT AND DISPOSAL PUBLICATIONS
Compiled by William F. Schwiesow, Assistant Area Director, Texas Area, Agricultural Research Service, USDA.
Available from the Soil and Water Division Steering Committee of the American Society of Agricultural Engineers, St. Joseph, Michigan 49085; 1973. 27 pp., 401 citations, through 1972. (NAL Call No.: Z5853.S22S3)

READING REFERENCES FOR INDIVIDUAL SEWAGE DISPOSAL SYSTEMS
Compiled by Roger E. Machmeier
St. Paul: Agricultural Extension Service, University of Minnesota, 1974. 6 pp., 65 citations, 1950-1972.

SOLID WASTE MANAGEMENT: AVAILABLE INFORMATION MATERIALS
Washington, D. C.: U.S. Environmental Protecion Agency, 1975. (EP Publ. No. SW 58-23), 45 pp.
Lists 413 solid waste (SW) papers or reports available free as is this list, from: Solid Waste Information Materials Section, EPA, Cincinnati, Ohio 45268. Also lists 200 reports available from NTIS, plus available exhibits and films. Excellent index. Revised regularly.

PRIMARY JOURNALS AND NEWSLETTERS

WATER AND WASTES ENGINEERING
Dun-Donnelly Publishing Corp.
666 5th Avenue
New York, New York 10019
$10.00 a year, 12 issues

Practical approach to water resources engineering for the professonal. Wider application in recent years for rural uses.

WATER, SEWER, AND SOLID WASTE PROGRAM NOTES

Community Resource Development
Extension Service, USDA
Washington, D. C. 20250
Free, but limited distribution;
irregularly published.

An issue appears when CRD staff feels adequate information is amassed to relay to field people. Centers on the programs available, funds and their status, and research notes. Primarily intended for Extension CRD specialists in community services and facilities.

1975

A QUANTITATIVE APPROACH TO SOLVING COMMUNITY SERVICE PROBLEMS
Hardy, William E., Jr. and Curtis L. Grissom
Working paper, available from the authors, Department of Agricultural Economics and Rural Sociology, Auburn University, 1975, 8 pp.

Study of the least-cost solid waste collection and disposal system for a five-county area. Size and service area for each landfill and best routes for pickup trucks determined.

ANALYSIS OF COSTS FOR SOLID WASTE MANAGEMENT IN NONMETROPOLITAN OKLAHOMA, BULLETIN B-717
Schreiner, Dean F., Robert G. Davis, and Dean E. Barrett
Stillwater: Agricultural Experiment Station, Oklahoma University, 1975, 42 pp.

A study designed to: (1) estimate costs for collection and transfer processes; (2) estimate costs for sanitary landfill system; and (3) provide application in comprehensive planning of solid waste collection and disposal services to a multicounty planning region.

1974

PLANNING FOR THE MANAGEMENT OF SOLID WASTE MATERIALS IN RURAL AREAS
Carley, D. H.
Experiment (Griffin): Agricultural Experiment Station, University of Georgia, 1974, 24 pp.

Factors affecting alternatives for collection, transfer, and disposal of solid waste materials from rural households. Evaluation of alternatives by physical and cost relationships.

PLANNING FOR COMMUNITY SERVICES IN RURAL AREAS: A REGIONAL APPROACH TO SOLID WASTE MANAGEMENT
Grissom, Curtis L. and William E. Hardy, Jr.
Auburn: Agricultural Experiment Station, Auburn University, 1974, 52 pp.

A study of solid waste collection and disposal in five northwest Alabama counties. Results indicate there are gains to be realized from regional cooperation and coordination in the provision of services. Revised in January 1975 as AES Bulletin 464.

GUIDANCE FOR SEWER SYSTEM EVALUATION, EPA 520-9/74
Washington, D.C.: U.S. Environmental Protection Agency, Office of Water Program Operations, 1974, 10 pp.

Guide to assist local jurisdictions in qualifying for federal grants for sewerage systems.

DECISION-MAKERS GUIDE IN SOLID WASTE MANAGEMENT
Compiled by R. A. Colonna and C. McLaren
Washington, D.C.: Environmental Protection Pub. SW-127, U.S. Government Printing Office, 1974, 157 pp.
Has portions appropriate to rural problems.

GUIDE TO STATE AND FEDERAL POLICIES AND PRACTICES IN RURAL WATER-SEWER DEVELOPMENT
Chicago: Commission on Rural Water, 1974, 224 pp. Address: 221 N. LaSalle, Chicago 60610.

Describes a nonprofit corporation designed to improve domestic water and sewer services to low-income residences throughout America. Model field projects.

HANDBOOK FOR MONITORING INDUSTRIAL WASTEWATER
Washington, D.C.: U.S. Government Printing Office, 1974, 175 pp, $1.75.

Guidance for manufacturers in initiating or upgrading wastewater programs.

ALTERNATIVES FOR THE COLLECTION AND DISPOSAL OF SOLID WASTE IN TEXAS COUNTIES
Jones, Jack L. and Carson E. Watt
College Station: Agricultural Extension Service, Texas A & M University, 1974, 65 pp.

One of the most detailed studies of planning solid waste management systems, including financing, compliance with state and local regulations and laws.

INCINERATION: A STATE-OF-THE-ART STUDY
The National Center for Resource Recovery
Lexington: Lexington Books, 1974, 176 pp., $13.00. Address: Lexington, Mass. 02173.

Historical overview and manual of current practices, including salvage values, potential heat recovery, and air pollution. Tables, figures, appendix, bibliography.

SANITARY LANDFILL: A STATE-OF-THE-ART STUDY
The National Center for Resource Recovery
Lexington: Lexington Books, 1974, 144 pp., $12.50. Address: Lexington, Mass. 02173.

Offers detailed description of how waste burial utilizes principles of engineering to confine refuse to smallest practical area. Notes, appendixes, bibliography, index.

NARRATIVE STATEMENT: SMALL SCALE WASTE MANAGEMENT PROJECT
Madison: Department of Agricultural Economics, University of Wisconsin-Madison, 1974, 36 pp. mimeo.

Description of project to develop alternatives to on-site treatment and disposal systems; search for innovative systems. Four major areas: waste production, wastewater treatment, wastewater disposal, and institutional control. - See also:

SMALL SCALE WASTE MANAGEMENT PROJECT REPORT, PRIVATE WASTEWATER TREATMENT REGULATIONS: EXISTING CONDITIONS, INCENTIVES, AND SOME POLICY SUGGESTIONS
Robertson, Marc D., Richard L. Barrows, Melville L. McMillan, and Ronald E. Shaffer
Madison: Department of Agricultural Economics, University of Wisconsin-Madison, 1973, 40 pp.

Another full report in the series of papers and publications on this project.

REGIONAL MANAGEMENT OF SOLID WASTES, by I. Kiefer
Washington, D.C.: U.S. Government Printing Office, 1974, 7 pp. 25¢ EP Pub. SW-80-1.
Suggests intercommunity cooperation to develop waste collection and disposal system for economy of operation.

RURAL WASTE COLLECTION
Municipal South 21(2):8-9. February 1974.
A community-wide approach to solid waste disposal and collection.

WASTE DISPOSAL SYSTEMS FOR RURAL HOMES, CIRCULAR AE-43
Witz, Richard L., George L. Pratt, Seb Bogel, and Charles W. Mailanen
Fargo: Cooperative Extension Service, North Dakota State University, 1974, 12 pp.
Presents plans and instructions for operation of various waste disposal systems. Elementary.

1973

SANITARY LANDFILL DESIGN AND OPERATION
Brunner, Dirk R. and Daniel J. Keller
Washington, D.C.: U.S. Government Printing Office, 1973

HANDLING SOLID WASTE MATERIALS IN URBAN-FRINGE AND RURAL COMMUNITIES IN GEORGIA, BULLETIN 149, Carley D. H.
Experiment (Griffin): Agricultural Experiment Station, University of Georgia, 1973, 46 pp.
A study of types and costs of solid waste collection and disposal systems currently used by county governments and smaller municipalities in Georgia, projection of future volumes and planning.

NUTRIENT ENRICHMENT OF GROUND WATER FROM SEPTIC TANK DISPOSAL SYSTEMS
Dudley, John G. and David A. Stephenson
Upper Great Lakes Regional Commission. Available through Cooperative Extension Service, University of Wisconsin-Madison, 1973, 131 pp.
Quantitative data on role of septic tank system effluents in nutrient enrichment of lakes, reviewing effluent behavior in natural ground-water systems. Of importance for areas with extensive shoreline development or lake eutrophication.

COSTS OF SOLID WASTES MANAGEMENT IN RURAL TEXAS COMMUNITIES
Hall, J. Patrick and Lonnie Jones
Southern Journal of Agricultural Economics 5(1):115-119. July 1973.
Results of a survey to determine cost and quality information on solid waste management systems.

EVALUATION OF A RURAL SOLID WASTE STORAGE AND COLLECTION SYSTEM: THE WAYNE COUNTY, OHIO "GREEN BOX" PILOT PROJECT
Hitzhusen, Fred J. and Said Karkouti
Columbus: Department of Agricultural Economics and Rural Sociology, Ohio State University, 1973, 40 pp.
Pilot project studies system use and abuse, costs and benefits, operation and financing. Summary of policy recommendations.

SOLID WASTE MANAGEMENT, by D. Joseph Hagerty, Joseph L. Pavoni, and John E. Heer, Jr.
Van Nostrand Reinhold Co., 450 West 33rd Street, New York City 10001, 1973 302 pp. $16.95.

Text with an engineering approach; has a 50-page chapter on sanitary landfills.

IMPROVING RURAL SOLID WASTE MANAGEMENT PRACTICES
Goldberg, T. L.
Washington, D.C.: Environmental Protection Pub. SW-107, U. S. Government Printing Office, 1973, 83 pp. $1.20, S/N 5502-00115.

Aspects of both residential and industrial rural waste problems are discussed, including types of collection, processing and disposal methods, financing, and citizen support.

TOWN SANITARY DISTRICTS IN WISCONSIN: THEIR LEGAL POWERS, CHARACTERISTICS, AND ACTIVITIES
Klessig, Lowell L. and Douglas A. Yanggen
Madison: Environmental Resources Unit, Cooperative Extension Service, University of Wisconsin-Madison, 1973, 42 pp.

Town sanitary districts provide public water, sewerage, and garbage collection. Analysis of court decisions and mail questionnaire to gauge efficiency and usefulness.

RURAL TRANSFER AND MODIFIED LANDFILL. A COMPARISON OF COST INDICATORS FOR LOW-VOLUME RURAL SOLID WASTE DISPOSAL METHODS
Corvallis: Bureau of Governmental Research and Service, Oregon State University, 1973, 45 pp. Also available through NTIS: PC $5.25/MF $1.45.

Compatible estimating techniques for cost based on experiences of one county.

AN EVALUATION OF LAND TREATMENT PHASE OF WASTEWATER MANAGEMENT FOR THE CLEVELAND AKRON METROPOLITAN AND THREE RIVERS WATERSHED AREAS, IX, AGRICULTURAL EVALUATION
Thomas, P.R., R.F. Glover, P. Hackney, R.H. Miller, and R.K. White
Wooster: Ohio Agricultural Research and Development Center, 1973, 112 pp.

Agricultural, environmental, social, and economic impacts on rural and farming communities of various plans for wastewater management.

1972

ENVIRONMENTAL AND ECONOMIC ASPECTS OF SOLID WASTE DISPOSAL
Badger, Dan
in RESEARCH APPLICATION IN RURAL ECONOMIC DEVELOPMENT AND PLANNING. Stillwater: Agricultural Experiment Station, Oklahoma State University, 1972, 138-157.

Factors affecting solid waste planning: shortages of sites, stable or declining population, nuisance and health problems. Review of legislation and description of solutions.

THE WASTE WATCHERS: MANAGEMENT METHODOLOGY FOR SOLID WASTE
Bond, William E.
Greenville: South Carolina Appalachian Health Council, 1972, 3 items. Address: 211 Century Drive, Bldg. D., 29602. Information packet and monograph on advantages, procedures, costs, and benefits of eliminating open dumps in favor of a sanitary landfill. Example of public relations in community involvement and publicity methods.

DESIGN FOR A RURAL REFUSE COLLECTION SYSTEM FOR THE SOUTH CAROLINA APPALACHIAN REGION

Greenville: South Carolina Appalachian Health Council, 1972, 70 pp. Address: 211 Century Drive, Bldg. D, 29602.

A rural bulk container system for a six-county region, based on estimated number of households to be served. Local jurisdictions' concern for health, convenience, aesthetics, costs of waste generation.

COMPREHENSIVE WATER AND SEWER PLANNING AND DEVELOPMENT OF RURAL WATER SYSTEMS IN OKLAHOMA

Downing, Leonard L.

in RESEARCH APPLICATION IN RURAL ECONOMIC DEVELOPMENT AND PLANNING. Stillwater: Agricultural Experiment Station, Oklahoma State University, 1972, 198-201.

An example of an area-wide plan: Farmers Home Administration program, related legislation, how to obtain financial assistance, what can be done to improve planning.

CREATING A COUNTYWIDE SOLID WASTE MANAGEMENT SYSTEM

Kruth, Maurice A., David H. Booth, and D. L. Yates

Washington, D.C.: U.S. Government Printing Office, 1972, 20 pp., 30¢. Also available through NTIS: MF 95¢.

Eliminating open dumps in favor of container collection system and central landfill. Case study of one county's program, achieved without federal or state aid.

MANUAL OF SEPTIC TANK PRACTICE

Washington, D.C.: U.S. Government Printing Office, 1972, 92 pp., 50¢.

Public Health Service and Joint Committee on Rural Sanitation prepared this guide to suitability of septic-tank installations and adequate public sewerage systems. Health and safety factors emphasized.

WASTEWATER CONTROL FROM RURAL HOUSING, REPORT 193

Sproul, Otis J., M. Wayne Hall, and Mrinanka M. Ghosh

Orono: Life Sciences and Agricultural Experiment Station, University of Maine at Orono, 1972, 50 pp.

Alternative methods of handling domestic wastewater: discharge to public sewer, treatment with septic tank absorption trench, treatment in septic tank-sand filter system, treatment in extended aeration plant.

DESIGN OF A SOLID WASTE MANAGEMENT SYSTEM FOR THE EASTERN APPALACHIA HEALTH REGION OF NORTH CAROLINA

Sweeten, John M.

Rockville, Maryland: U.S. Environmental Protection Agency, 1972, 94 pp. Also available through NTIS: PC $3.00/MF 95¢.

Developing practicable solutions to problems of improper solid waste disposal. Determines optimum number and location of regional landfills, computing costs and equipment needed.

UNDERSTANDING A MODERN SEWAGE TREATMENT PLANT
Madison: Division of Economic and Environmental Development, Cooperative Extension Service, University of Wisconsin-Madison, 1972, 6 pp.

Elementary text and diagrams about basic sewage treatment methods. Definitions, facts.

1971

SOLID WASTE MANAGEMENT BY SANITARY LANDFILL
Barrett, Dean E.
OSU Extension Facts, Number 817. Stillwater: Cooperative Extension Service, Oklahoma State University, 1971, 4 pp.

Guidelines for sanitary landfill practices, review of related legislation, lists of equipment needed to maintain standards.

FACTORS TO CONSIDER IN DEVELOPING A SOLID WASTE MANAGEMENT SYSTEM, CIRCULAR R-30
Auburn: Cooperative Extension Service, Auburn University, 1971, 38 pp.

Economic information relating to county- and area-wide systems. Legal considerations, types and sources of waste material, advantages of various disposal methods.

IN-SERVICE TRAINING PROGRAM PROCEEDINGS, 1971 HOUSING CONFERENCE
Holden, Frank
Clemson: Clemson University Cooperating with the U.S. Department of Agriculture, 1971, 41-53.

A section dealing with sewage handling methods and solid waste management for individuals, developers, and political subdivisions.

WASTE TREATMENT FOR SMALL FLOWS
Kreissl, J.F.
Pullman: Washington State University, 1971, 25 pp. Also available through NTIS: PC $3.00/MF 95¢.

Report surveying problems of waste treatment in rural areas; describes treatment alternatives and gives cost estimates.

REGULATIONS FOR DISPOSAL OF RURAL DOMESTIC LIQUID WASTES IN WISCONSIN: A REVIEW
Kusler, John A.
Upper Great Lakes Regional Commission. Madison: Cooperative Extension Service, University of Wisconsin-Madison, 1971, 94 pp.

Alternatives to septic tank systems for rural land subdivisions; existing regulatory standards; other states' standards; legal issues; research and legislative needs discussed.

RURAL HOUSING MANUAL
Schott, William A.
Bismarck: Basic Electric Power Cooperative, 1971, 36 pp. Address: Bismarck, North Dakota 58501.

HUD Planning and Research Demonstration Project described; includes section on waste handling.

A PRIMER ON WASTE WATER TREATMENT
U. S. Environmental Protection Agency
Washington, D.C.: U.S. Government Printing Office, 1971, 25 pp., 55¢. (EP 2.2:W/28/2).

Current methods and processes in development for treating wastes. Straightforward explanation of functioning of various treatment systems, profusely illustrated.

SANITARY LANDFILL DESIGN, CONSTRUCTION, AND EVALUATION
Wilcomb, Maxwell J. and H. Lanier Hickman, Jr.
Washington, D.C.: U. S. Government Printing Office, 1971, 11 pp., 30¢. (EP 3.2:Sa5).

A publication to assist designers, operators, and control agencies achieve and maintain good sanitary landfill practices. U.S. Environmental Protection Agency.

1970

COMMUNITY SEWER AND WATER SYSTEMS
Barrett, Dean E.
OSU Extension Facts, Number 813. Stillwater: Cooperative Extension Service, Oklahoma State University, 1970, 4 pp.

Short guide to construction, improvement, and extension of water systems, sewer systems, sewage treatment works. How to organize a water district or nonprofit corporation and get assistance from the FHA.

1969

HOW TO ORGANIZE SUBURBIA FOR SEWAGE TREATMENT
Billings, Clayton H.
Public Works 100(12):85-86. December 1969.

Consolidation of several small sewer districts into a single treatment plant to serve thirteen hamlets, a state hospital, and a large industrial complex. Example of how sewerage problems of a fast-growing suburban area can be solved.

SEPTIC TANK SYSTEMS
Cotteral, J. A. and D. P. Norris
Journal of the Sanitary Engineering Division, American Society of Civil Engineers 95(5):715-746. August 1969.

A comprehensive review of theoretical and practical factors controlling performance of individual sewage disposal systems, with guidelines for their use.

REGIONAL REFUSE DISPOSAL
Carbondale: Greater Egypt Regional Planning and Development Commission, 1969, 63 pp. Address: Carbondale, Illinois. Also available through NTIS: PC $6.00/MF 95¢.

Approaches to sanitary landfill, state laws and regulations, and proposal for cooperative approaches to sanitary landfill in a five-county region.

MUNICIPAL AND RURAL SANITATION
Ehlers, V. and E. Steel
New York: McGraw-Hill, 1965, 6th ed.

Although out of the time period covered here, a landmark textbook on all phases of sanitation, expecially good in posing solutions to specific problems.

IV. MANPOWER TRAINING AND VOCATIONAL EDUCATION

SOURCES OF INFORMATION

American Vocational Association
Mr. Lowell A. Burkett
Executive Director
American Vocational Association
1510 H Street, N.W.
Washington, D.C. 20005
Phone: 202-737-3722

Seeks to establish national leadership in vocational education, with service to state and local communities. Publishes American Vocational Journal; has an occasional committee on agricultural education.

Center for the Study of Human Resources
Dr. Ray Marshall, Director
Waggener Hall 14
The University of Texas at Austin
Austin, Texas 78712
Phone: 512-471-4789

Increasingly rural research focus on: economic policies, rural manpower, antidiscrimination programs, education in preparation for work, health welfare, and income maintenance. Publication series, in cooperation with Bureau of Business Research.

Center for Vocational Education
Ohio State University
1960 Kenny Road
Columbus, Ohio 43210
Phone: 815-753-1251

Answer inquiries, make reference or name referrals, maintain document collection, and index vocational material. Publish state-of-the-art reviews, and Abstracts of Research Materials in Vocational and Technical Education.

BIBLIOGRAPHIES

AGRICULTURAL EDUCATION IN A TECHNICAL SOCIETY: AN ANNOTATED BIBLIOGRAPHY OF RESOURCES
Compiled by Mary Ruth Brown, Eugenie Lair Moss, and Karin Drudge Bright
Chicago: American Library Association, 1973. 50 pp. $10.00.

BIBLIOGRAPHY RELATING TO CONTEMPORARY AMERICAN AGRICULTURAL LABOR
College Station: Texas Agricultural Experiment Station, Texas A&M University, Department of Agricultural Economics and Rural Sociology (77840), 1973. Department Information Report Number 73-4, 250 pp., 1249 citations, 1964-1972.

PRIMARY JOURNALS AND NEWSLETTERS

AMERICAN EDUCATION
U.S. Government Printing Office
Washington, D.C. 20402
$13.50 a year, 12 issues

Published by the U.S. Office of Education; aimed at advanced training, but includes more vocational articles in recent years.

AMERICAN VOCATIONAL JOURNAL American Vocational Association 1510 H Street, N. W. Washington, D. C. 20005 $8.00 a year, a quarterly	Most basic and widely read professional journal in vocation education.
JOURNAL OF THE AMERICAN ASSOCIATION OF TEACHER EDUCATORS IN AGRICULTURE Larry E. Miller 2113 Derring Hall College of Education VPI & SU Blcksburg, Virginia 24061 $4.50 a year, 3 times a year	Association is an affiliate of American Vocational Association. Concentrates on agricultural and vocational training. Began in 1961; approximately 75 pages a year.
MANPOWER PROGRAM NOTES Community Resource Development Extension Service, USDA Washington, D. C. 20250 Free, but limited distribution; irregularly published	Newsletter and program announcement; primarily intended for Extension manpower training and development specialists.
PERSONNEL AND GUIDANCE JOURNAL American Personnel and Guidance Association 1607 New Hampshire Avenue, N. W. Washington, D. C. 20009 $20.00 a year, 10 issues	Professional publication to assist counselors and personnel managers in education, government, business, and industry.
VOCATIONAL EVAULATION AND WORK ADJUSTMENT BULLETIN T. V. Caldwell 1115 Haley Center Auburn University Auburn, Alabama 36830 $5.00 a year, 4 issues	Practical approach to developments and theories and in vocational education; heavy on the needs of rural youth.

1975

ON THE PROCESS AND CONSEQUENCES OF JOB RATIONING IN OREGON'S WOOD PRODUCTS INDUSTRY
Stevens, Joe B., William W. Pierson, and David E. Ervin
Corvallis: Western Rural Development Center, Oregon State University, 1975, 33 pp.

One industry's approach to declining manpower needs; need for additional formal education documented; economic returns to industry and workers studied.

AN EVALUATIVE MODEL FOR A MANPOWER DEVELOPMENT PROJECT
Wetherill, Richard
Working paper available from the author, Texas A & M University, 1975, 18 pp.

A study of rural industrialization and "getting people and jobs together." A method of evaluating effectiveness in reaching this goal.

1974

OCCUPATIONAL SUPPLY AND DEMAND INFORMATION: A FORMAT WITH IMPLICATIONS FOR PLANNING EDUCATION FOR WORK
Copa, George H. and Donald E. Irvin, Jr.
Minneapolis: Minnesota Research Coordinating Unit for Vocational Education, University of Minnesota, 1974, 76 pp.

Implications directed at decisions on who will be served, how many to serve, what to offer, and when and where to offer manpower training programs to suit supply and demand.

EMPLOYMENT IN AGRICULTURAL AND AGRIBUSINESS OCCUPATIONS
Washington, D.C.: Economic Research Service, U.S. Department of Agriculture, 1974, 127 pp.

Summary of the National Agribusiness Manpower Project and relationship to national and state programs, industry-occupational matrix system. Extensive tables detailing needs, employment, program accomplishments.

MANPOWER AND EDUCATIONAL NEEDS IN SELECTED PROFESSIONAL AND AGRICULTURAL SCIENCES FIELDS
Ihnen, Lawrence A.
Atlanta: Southern Regional Education Board, 1974, 43 pp. Address: 130 6th St. NE, Atlanta 30313. Free.

A model of demand for agricultural skills and facilities and types of instruction needed to meet demand.

EVALUATING VOCATIONAL EDUCATION: POLICIES AND PLANS FOR 1970's
Lecht, Leonard
New York: Praeger Publishing Co., 1974, $15.00.

Based upon evaluative study for National Planning Association and the National Advisory Commission on Vocational Education of the nation's publicly funded vocational education programs. Evaluation, policy implications, relation to future planning.

THE COMPREHENSIVE EMPLOYMENT AND TRAINING ACT OF 1973
Manpower Administration, U.S. Department of Labor
Washington, D.C.: U. S. Government Printing Office, 1974, 45 pp., 30¢. (Public Law 93-203).

Summary of provisions and benefits.

CETA IN BALANCE-OF-STATE AREAS, PROCEEDINGS, 1974 RURAL MANPOWER POLICY RESEARCH CONSORTIUM
Moser, Collette H., ed.
East Lansing: Department of Agricultural Economics, Michigan State University, 1974, 33 pp.

Explores implications for rural areas of various manpower policies, centering on (1) administrative and planning structures, (2) delivery of services, and (3) role of the employment service.

EFFECTS OF RURAL INDUSTRIALIZATION ON LABOR DEMAND AND EMPLOYMENT
Peterson, John M.
in Larry R. Whiting, ed. RURAL INDUSTRIALIZATION: PROBLEMS AND POTENTIALS. Ames: The Iowa State University Press, 1974, 108-118.

For the North Central Regional Center for Rural Development. A study of flexibility and potential of labor supply in rural areas; policy implications for benefits to residents and incoming migrants.

LESSONS FOR PRIME SPONSORS
Sawyer, James
Manpower 6(4):16-24. April 1974.

Study of identifying needs for successful local manpower planning.

FACTORS AFFECTING LABOR SUPPLY IN AN INDUSTRIALIZING RURAL AREA
Scott, John T. and P. L. Wahi
Working paper available from the authors, Department of Agricultural Economics, University of Illinois-Urbana, 1974, 21 pp.

Studies wage or income required to change work, wage required to take on additional part-time work, an assessment of labor response.

CHANGES IN LABOR FORCE CHARACTERISTICS OF WOMEN IN LOW-INCOME AREAS OF THE SOUTH
Terry, Geraldine B. and J.L. Charlton
Fayetteville: Agricultural Experiment Station, University of Arkansas, 1974, 51 pp. Available from Southern Extension Services and Experiment Stations.

Study of changes in patterns of labor-force participation, occupational distribution, and mobility of women and how these are related to such variables as age, education, marital status, and stages of the family life cycle.

OPERATION HITCHHIKE
Turnipseed, Larry
Mississippi State: Cooperative Extension Service, Mississippi State University, 1974, 29 pp.

Describes pilot program to provide manpower services to residents and employers in rural counties where expanded employment services were needed.

1973

AGRIBUSINESS EMPLOYMENT, OPPORTUNITIES, AND TRAINING NEEDS
St. Paul: Vocational Division, Department of Education, State of Minnesota, 1973, 38 pp.

A study to identify needs at each occupational level; pre-employment training expectations of employers; and employers' willingness to cooperate in pre-employment training.

RURAL JOBHUNTERS DEALT AN ACE
Aun, Emil Michael
Manpower 5(11):2-6. November 1973.

Job placement based on concept that rural job market breaks down into functional economic areas which are usually characterized by a center city with shoppers commuting to jobs within the area. Enlarging access to labor market.

MANPOWER AND EDUCATION NEEDS IN SELECTED PROFESSIONAL FIELDS
Atlanta: Southern Regional Education Board, 1973, 43 pp. Address: 130 6th St. NE, Atlanta 30313.

A guide for higher education in planning curricula where proven manpower shortages exist to alleviate lack of professional personnel.

MOVING UP AND DOWN ON THE FARM
Marshall, Patricia
Manpower 5(5):3-8. May 1973.

Manpower training programs for agricultural workers; an evaluation of farm careers.

MANPOWER SERVICES IN RURAL AMERICA--PROCEEDINGS OF A CONFERENCE
Moser, Collette, ed.
East Lansing: Department of Agricultural Economics, Michigan State University, 1973, 214 pp.

Papers on issues, innovations, service pilot projects, implementation of planning for rural manpower service projects.

EXPANDING OCCUPATIONAL EDUCATION OPPORTUNITIES IN SMALL RURAL SCHOOLS
Raleigh: Occupational Research Unit, Department of Public Education, State of North Carolina, 1973, 67 pp.

Description of proposed project, student and teacher response, carryover aspects of program, and summary and recommendations. Appendixes include schedules, resource people, material suppliers, surveys.

MANPOWER INFORMATION MANUAL, A MANUAL FOR LOCAL PLANNING
Raleigh: Occupational Research Unit, Department of Public Education, State of North Carolina, 1973; Section I, 124 pp., Section II, 37 pp.

A guide to collecting and processing information for long-range planning, curriculum developing and counseling for vocational education.

MANPOWER TRAINING AND EMPLOYMENT PROGRAMS SERVING RURAL AMERICA
Schmitt, Raymond
Washington, D.C.: U.S. Government Printing Office, 1973, 21 pp.

Some impressions of rural manpower training and employment -- based on literature cited in bibliography. Statistical information on number of rural enrollees, funds obligated, and characteristics of individuals enrolled in selected manpower programs.

THE EXTENT OF INDUSTRIALIZATION IN SOUTHERN NONMETRO LABOR MARKETS IN THE 1960's
Till, Thomas
Journal of Regional Science 13(3):453-461. December 1973. Available from Regional Science Research Institute, Philadelphia.

Controversial question of extent of growth of nonfarm jobs in non-metropolitan counties; growth was sizable, perhaps due to abundant pools of low-wage labor.

TOMORROW'S MANPOWER NEEDS, BULLETIN 1769
U.S. Department of Labor
Washington, D.C.: U.S. Government Printing Office, 1973, 36 pp., 65¢. (62.3:1769).

Up to-date information on national manpower requirements, useful for predictions and projections.

1972

THE METHODOLOGY OF EVALUATION FOR SOCIAL ACTION PROGRAMS
Cain, Glen G. and R. G. Hollister
in Ray Marshall, ed. AN ANTHOLOGY OF LABOR ECONOMICS: READINGS AND COMMENTARY. New York: John Wiley & Sons, 1972, 5-33.

Problems and solutions to a useful and fairly accurate evaluation of manpower programs whose purpose is to upgrade skills of underprivileged.

YOUNG MIGRANTS HARVEST DIPLOMAS
Cole, William
Manpower 4(5):28-33. May 1972.

Migrant youth who have dropped out of school are helped to get diplomas by the High School Equivalency Program.

FOUR CORNERS COMMISSION REPORT OF PLANNING PROJECT, BLANDING AREA VOCATIONAL CENTER
Salt Lake City: Board for Vocational Education, Office of the State Administrator, State of Utah, 1972, 120 pp.

Schedules, plans, expenditures and accomplishments for the project documented in report of area vocational center in San Juan County. Vocational education program described.

RESEARCH ON RURAL MANPOWER PROBLEMS AND PROGRAMS
Fuller, Varden
Austin: Center for the Study of Human Resources, University of Texas at Austin, 1972, 70 pp.

Definitive discussion, including the demand for and supply of research, role of politics in demand and quantity of supply, need for involved researchers, and lack of cohesion among rural nonfarm populations.

THE PROCESS OF EVALUATING VOCATIONAL EDUCATIONAL PROGRAMS IN AGRICULTURE
Matteson, Harold R.
Madison: University of Wisconsin-Madison, 1972. ERIC--VT 016011 in VT ERIC SET ED070816.

Briefly describes a series of steps a vocational educator in agriculture may follow when evaluating his educational program, interchangeable for other subject matter areas.

MISSISSIPPI COOPERATIVE AREA MANPOWER PLANNING SYSTEM (CAMPS), FISCAL YEAR 1972
Jackson: Employment Security Commission and Office of the Governor, State of Mississippi, 1972, 5 sections.

Report on plans and progress in manpower development training; statewide summary and sections on five areas. Example of one state's approach to manpower training.

LABOR MARKET INFORMATION IN RURAL AREAS--PROCEEDINGS OF A CONFERENCE
Moser, Collette, ed.
East Lansing: Department of Agricultural Economics, Michigan State University, 1972, 329 pp.

Papers on data needs, employers' information needs, job seekers' information needs, Census Bureau, Labor Department, and Agriculture Department information sources.

MANPOWER PLANNING FOR JOBS IN RURAL AMERICA--PROCEEDINGS OF A CONFERENCE
Moser, Collette, ed.
East Lansing: Department of Agricultural Economics, Michigan State University, 1972, 222 pp.

For what number and kinds of jobs should manpower planning take place? Can preparation of a trained labor force contribute to economic development? How these issues relate to Rural Development Act of 1972.

PRE-OCCUPATIONAL EDUCATION FOR THE RURAL-ORIENTED: ST. LANDRY PARISH PLAN, FINAL REPORT
Washington, D.C.: Office of Education, U.S. Department of Health, Education and Welfare, 1972.

Program of vocational training in a rural school district. Local employers' and community's reactions.

ORIENTATION TO PUBLIC SERVICE OCCUPATIONS: CAREER EDUCATION CURRICULUM GUIDE
Washington, D.C.: Educational Resources Information Center, 1972, 354 pp.

Designed to help students, counselors and teachers cover career options in "urban, rural, and community" development.

MANPOWER DEVELOPMENT IN THE COMMUNITY CONTEXT, REPORT 42
Pelham, John T.
Mississippi State: Social Science Research Center, Mississippi State University, 1972, 180 pp.

The development of a heuristic model for studying the complex nature of manpower development as an integral phase of community development and utilizing the model in studying the process in four nonmetropolitan Mississippi communities.

REVIEW AND SYNTHESIS OF STRATEGIES FOR EFFECTING CHANGE IN VOCATIONAL AND TECHNICAL EDUCATION
Wall, James E.
Columbus: ERIC Clearinghouse for Vocational and Technical Education, The Ohio State University, 1972, 59 pp.

Summary of reports and studies of strategies for change, synthesizing a massive amount of material generated through a number of complex disciplines.

1971

TECHNIQUES FOR TEACHING DISADVANTAGED YOUTH IN VOCATIONAL EDUCATION
Bobbit, Frank and Lin-a Letwin
East Lansing: Rural Manpower Center, Michigan State University, 1971, 100 pp.

A practical reference: identifying, meeting needs, motivating, building rapport, counseling, developing curriculum, methods, and techniques, and evaluating programs.

IT'S IMPOSSIBLE. PERIOD.
Burkett, Lowell A.
American Vocational Journal 46(3):25-27. March 1971.

Comprehensive national manpower planning must begin locally; national plan can then be arrived at by putting together state plans. Education must be a factor, as well as training, or individuals will be doomed to caste system of the technological age.

AGRICULTURAL EDUCATION FOR THE SEVENTIES AND BEYOND
Commission on Education in Agriculture and Natural Resources, Committee on Agricultural Education
Washington, D.C.: American Vocational Association, 1971, 75¢.

Report focuses on vocational and technical education programs in agriculture at the secondary, postsecondary, and adult levels. Purpose is to increase effectiveness of programs.

POLICY AND PROGRAM ISSUES IN RURAL MANPOWER DEVELOPMENT
Marshall, Ray
Austin: Center for the Study of Human Resources, The University of Texas at Austin, 1971, 63 pp.

Analyzes problems of migrant workers; rural industrialization; rural manpower programs and problems; applicability to agricultural workers; and extent of collective bargaining in agriculture.

DEVELOPING MODEL NYC PROGRAMS FOR RURAL YOUTH
Miles, Guy H.
Springfield: National Technical Information Service, 1971, $3.00. Address: Springfield, Virginia 22151.

A program for use in rural areas of the North Central states. Detailed program with emphasis on re-enrolling dropouts in school, providing work experience, and providing education services and training necessary to obtain meaningful jobs.

EMPLOYMENT SERVICE COOPERATION WITH COMMUNITY COLLEGES IN RURAL COMMUNITIES
John S. McCauley
in NATIONAL GROWTH, THE RURAL COMPONENT. Washington, D.C.: U.S. Department of Agriculture, 1971, 18-20.

Discussion of ways in which Employment Service can assist community colleges; suggests vehicles to ensure best lines of communication.

REPORT OF THE PACIFIC REGIONAL SEMINAR FOR VOCATIONAL EDUCATION IN AGRICULTURE
Boise: Department of Vocational Education, State of Idaho, 1971, 108 pp.

Explores relationship of agricultural education to career and vocational education; report on status in the states.

D.E. TRAINING FOR DISADVANTAGED RURAL YOUTH
Riley, Clayton
Business Education Forum 25(7):24-27. April 1971.

Reviews occupational needs of disadvantaged rural youth and explores a model program for training in the field of distributive education.

MORE CLOUT FOR VOCATIONAL EDUCATION
Peterson, Russell W.
American Vocational Journal 46(2):22-25. February 1971.

Vocational education must direct students to all kinds of solutions for the problems they face. Work with state advisory councils, youth organizations, and legislators stressed.

SPECIAL REVENUE SHARING FOR MANPOWER TRAINING AND EMPLOYMENT PROGRAMS, LEGISLATIVE ANALYSIS
Washington, D.C.: American Enterprise Institute, 1971, 16 pp. Address: 1200 17th St., N.W. Washington, D.C. 20036.

Manpower programs, problems under present system; proposed legislation; provisions of the bill; brief summary of arguments about it; publications list.

MANPOWER REPORT TO THE PRESIDENT
U.S. Department of Labor
Washington, D. C.: U.S. Government Printing Office, 1971, 328 pp. $2.50. (L1.42/2:971. Item 746-C).

Section on Rural Manpower Dilemmas, ways to develop more jobs in rural areas by giving rural workers new skills.

VOCATIONAL EDUCATION IN A PLURALISTIC SOCIETY
Weber, Arnold R.
American Vocational Journal 46(2):26-29. February 1971.

Vocational education has been supported by government for almost 100 years; importance of training as an educational and economic vehicle.

VOCATIONAL AND TECHNICAL EDUCATION FOR THE RURAL DISADVANTAGED
Washington, D. C.: U.S. Government Printing Office, 1971, 45 pp., 40¢. (HE 5.2:R88. Item 461).

U. S. Department of Health, Education and Welfare.

WHAT VOCATIONAL EDUCATION TEACHERS SHOULD KNOW ABOUT DISADVANTAGED YOUTH IN RURAL AREAS
Washington, D. C.: U. S. Government Printing Office, 1971, 25 pp., 30¢. (HE 5.2: V85/13. Item 461).

U.,S. Department of Health, Education and Welfare.

1970

PROMOTING LABOR MOBILITY
Hansen, Niles M.
In RURAL POVERTY AND THE URBAN CRISIS: A STRATEGY FOR REGIONAL DEVELOPMENT. Bloomington: Indiana University Press, 1970, 271-284.

An economic and demographic study of rural populations by regions in the U.S. This chapter focuses on labor relocation and mobility.

DEVELOPING PROGRAMS FOR THE RURAL HANDICAPPED
Niederfrank, E. J.
Washington, D. C.: Extension Service, U.S. Department of Agriculture, 1970, 15 pp.

Aiding state and local organizations in developing programs. Steps to take in developing a project, sources of outside assistance.

THE PLAN FOR IMPLEMENTATION OF AN EXEMPLARY OCCUPATIONAL EDUCATION PROGRAM IN A RURAL COMMUNITY, OCCASIONAL PAPER NO. 8
Raleigh: Center for Occupational Education, North Carolina State University, 1970, 26 pp. Free.

A detailed description of a program which can guide design of other programs for vocational education. List of objectives for measuring success within contemporary American society.

THE RURAL MANPOWER SITUATION
Potter, Tod A.
The National Wool Grower 60(12):20-22. December 1970.

Rural manpower situation on farm and nonfarm. Discusses union and non-

union arguments, secondary boycotts and strikes.

OCCUPATIONAL TRAINING OPPORTUNITIES FOR RURAL YOUTH, OCCASIONAL PAPER NO. 7
Rogers, Charles H.
Raleigh: Center for Occupational Education, North Carolina State University, 1970, 15 pp.

Training opportunities have been inadequate for migrating youth and most of those remaining in rural areas. Schools must be consolidated and integrated to offer breadth of courses needed.

RURAL AREA APPLICATION FOR VOCATIONAL EDUCATION INNOVATIONS RESULTING FROM RESEARCH AND DEVELOPMENT PROGRAMS
Towne, Douglas C.
Raleigh: Center for Occupational Education, North Carolina State University, 1970, 60 pp.

Workshop report, bringing together research and development information in designing education programs. Includes sections on purpose, methods, activities, results, evaluations, and summary.

RURAL POVERTY: DIMENSIONS AND CAUSES
Tweeten, Luther G.
in FOUNDATION OF FARM POLICY. Lincoln: University of Nebraska Press, 1970, 361-396.

Discusses adjustment to limited job opportunities by rural farm and non-farm workers.

1969

PLANNED CHANGE IN LOW-INCOME RURAL AREAS: AN EVALUATION OF CONCERTED SERVICES IN TRAINING AND EDUCATION, MONOGRAPH NO. 2
Griessman, B. Eugene
Raleigh: Center for Occupational Education, North Carolina State University, 1969, 114 pp.

Identifying needs of people and providing assistance in a pilot study, working through established agencies. Increase in employment opportunities not impressive, time too short. Program helped advantaged and disadvantaged.

A NEW LIFE FOR THE COUNTRY
President's Task Force on Rural Development
Washington, D.C.: U.S. Government Printing Office, 1969, 51 pp., 35¢ (Pr 37.8: R88/L62. Item 851-J).

Main goal of rural development is to bring jobs, opportunity and a better life to low-income, underemployed people in rural America. Establishing machinery to administer programs, providing services including education, nutrition, and welfare.

V. PUBLIC RECREATIONAL FACILITIES AND PLANNING

SOURCES OF INFORMATION

Bureau of Outdoor Recreation
U.S. Department of the Interior
Mr. Douglas Baldwin, Chief of Communications
18th and C Streets, N. W.
Washington, D. C. 20240
Phone: 202-343-5726

Federal focal point for coordinated action at all levels of government, for planning and financing public outdoor recreation. Publishes Outdoor Recreation Action, a quarterly, $4.15 yearly, $1.10 for single copies.

BIBLIOGRAPHIES

GUIDELINES FOR EXTENSION ASSISTANCE TO PRIVATE RECREATION ENTERPRISES
Pullman: Cooperative Extension Service, Washington State University, 1974, 25 pp., about 75 citations, 1964-1973.
Good bibliographies in this publication.

INDEX OF SELECTED OUTDOOR RECREATION LITERATURE, VOL. IV for 1968
Washington, D. C.: U.S. Government Printing Office, 1969, 224 pp., 1112 citations.
$1.75. (I66.15:L71/V.4. Item 657-B-4.)
Bureau of Outdoor Recreation publication covering appropriate Department of Interior publications. Not published since 1969.

PUBLICATIONS ON PARKS, RECREATION, AND LEISURE
Arlington, Virginia.: National Recreation and Parks Association, 1974, 61 pp., about 150 citations, 1968-1972.
Comprehensive collection of information designed to assist in solving problems and in planning programs in recreation and related fields.

PRIMARY JOURNALS AND NEWSLETTERS

JOURNAL OF LEISURE RESEARCH
National Recreation and Parks Association
1601 N. Kent Street
Arlington, Virginia 22209
$10.00 a year, 4 issues

Recreation planning is emphasized; journal for professionals in park and recreation work.

PARK AND RECREATION NOTES
Community Resource Development
Extension Service, USDA
Washington, D. C. 20250
Free, but limited distribution; irregularly published.

Primarily intended for Extension recreation specialists in state and local work; emphasizes needs expressed in Rural Development Act of 1972. Includes program notices and news of activities.

1975

PARK MANAGEMENT GUIDE FOR RURAL COMMUNITIES
Meinen, Robert L.
Georgetown, Delaware 19947: University of Delaware, R.D. 2, Box 48, 1975. (Rural Development Program Aid No. 3) 58 pp. Free.

Includes a goals and objectives plan, maintenance to be performed, record keeping and sample check lists, and general set of regulations for operation and control.

1974

ENVIRONMENTAL, GEOLOGIC ASPECTS OF PLANNING, CONSTRUCTING, AND REGULATING RECREATIONAL LAND DEVELOPMENTS
Born, Stephen M. and David A. Stephenson
Upper Great Lakes Regional Commission. Madison: Cooperative Extension Service, University of Wisconsin-Madison, 1974, 39 pp.

Earth science aspects of planning and design, implementation and management of new water-oriented recreation developments. Geology and hydrology emphasized. Many references.

OUTDOOR RECREATION AND PLANNING: A SOCIOLOGICAL OVERVIEW
Cheek, Neil H. and Rabel J. Burdge
Ames: Department of Sociology, Iowa State University, 1974, 25 pp. Free.

How might a sociologist conceptualize outdoor recreation and what units of analysis might he employ? This and other study questions examined.

MARINE RECREATION CONFERENCE: PLANNING FOR SHORELINE AND WATER USES
Cole, Bruce J., ed.
Narragansett: Marine Advisory Service, University of Rhode Island, 1974, 20 pp.

Government and coastal management, planning, politics, and the public; economic aspects of marinas; the environment; problems and solutions.

GUIDELINES FOR EXTENSION ASSISTANCE TO PRIVATE RECREATION ENTERPRISES
Currey, W. Loren and Leonard R. Askham
Pullman: Cooperative Extension Service, Washington State University, 1974, 45 pp.

Information for Extension personnel on Extension's role in outdoor recreation, role of other agencies and organizations, types of programs, methods for carrying them out, guidelines based on sound recreation planning, management, and marketing principles.

DEVELOPING COMMUNITY RECREATION, WORKSHOP SUPPLEMENT
Ford, H. Thomas, Jr. and Robert R. Clark
Auburn: Cooperative Extension Service, Auburn University, 1974, 58 pp. mimeo.

Informative suggestions and ideas for planning organized recreation programs, useful for in-service training or workshop. Geared for Extension specialist or recreation resource person.

FOR THE FUN OF IT...AND THEN SOME!
Washington, D.C.: U.S. Government Printing Office, 1974, 12 pp., 35¢.
(A1.68:1060)
(S/N0100-02957). Item 14-A.

Explanation of assistance available to local groups under the Watershed Protection and Flood Prevention Act through the Soil Conservation Service for recreation and developments. Descriptions of successful projects.

MARINAS IN ALABAMA
Gardner, George R. and E. W. McCoy
Auburn: Agricultural Experiment Station, Auburn University, 1974, 27 pp.

Facilities of marinas, seasonal and temporal aspects, locational factors, customer relations, advertising, and other aspects of operation.

PLANNING FOR LEISURE ACTIVITIES IN THE RURAL SOUTH: A RESEARCH PROPOSAL
Holt, Nicholas A., Hanns G. Pieper, H. Max Miller
in RURAL SOCIOLOGY IN THE SOUTH: 1974, PROCEEDINGS OF THE RURAL SOCIOLOGY SECTION OF THE SOUTHERN ASSOCIATION OF AGRICULTURAL SCIENTISTS, 1974, 1-14.
Available: Association of Southern Agricultural Workers, 118 Folger Street, Clemson, South Carolina 29631.

Developing a profile of recreational activities specific to income, race, education, age, stage in family life cycle, and occupational characteristics in rural areas.

SOME ISSUES CONCERNING SPECIFICATION AND INTERPRETATION OF OUTDOOR RECREATION DEMAND MODELS
Jennings, Thomas A. and Kenneth C. Gibbs
Southern Journal of Agricultural Economics 6(1):165-169. July 1974.

Technical article on methods of defining variables for greatest accuracy in computer models of recreation demand.

STATE COMPREHENSIVE OUTDOOR RECREATION PLAN: SUMMARY OF FINDINGS AND RECOMMENDATIONS, SCORP 1973
Lincoln: Planning Section, Nebraska Game and Parks Commission, 1974, 20 pp.
Address: Box 30370, Lincoln 68503.

A significant, compact study of findings of needs, recommenations, and comments for recreation use of Nebraska rural land. A much fuller report is titled STATE COMPREHENSIVE OUTDOOR RECREATION PLAN, available from the planning section, containing elaborate maps and planning rationales. Nebraska's SCORP has been cited by the Bureau of Outdoor Recreation as one of the finest and most complete in the nation.

UPPER GREAT LAKES REGIONAL RECREATION PLANNING STUDY
Upper Great Lakes Regional Commission. Madison: Recreation Resources Center, University of Wisconsin and Cooperative Extension Service, University of Wisconsin-Madison, 1972, 149 pp., 2 vols.

Thoroughgoing recreation demand survey and forecasts which could serve as model for any local study. Section on econometric analysis and empirical findings.

USE AND DEVELOPMENT OF OUTDOOR RECREATION RESOURCES IN NORTHEASTERN NEW MEXICO BULLETIN 609
Las Cruces: Agricultural Experiment Station, New Mexico State University, 1974. 59 pp.

Planning for recreation facilities on the basis of recreationists, expenditures of time and money, facilities, and scenic values.

IMPACT OF NEW WATER-BASED RECREATION FACILITIES: BEHAVIOR AND MANAGEMENT IMPLICATIONS, By Dean R. Yoesting
in WATER AND COMMUNITY DEVELOPMENT: SOCIAL AND ECONOMICS PERSPECTIVES, pp. 217-233, edited by Donald R. Field, James C. Barron, and Burl F. Long. Ann Arbor Science Publishers, Inc., P. O. Box 1425, Ann Arbor, Michigan 48106, 1974, 302 pp. $10.50.

One of 3 chapters in a section entitled Community and Leisure. About rural, often remote, locations. Has excellent methodology and literature summaries. Entire book is recommended for rural, water recreation studies; each chapter by a different author or group of authors, most from land-grants or governments.

ANALYSIS OF THE CAMPGROUND MARKET IN THE NORTHEAST--REPORT 1, PUBLIC POLICY
Amherst: Agricultural Experiment Station, University of Massachusetts, 1973, 44 pp.

Developing and evaluating alternative marketing and pricing systems in accordance with goals of general public, campground users, private firms, and public campground management agencies.

RESTORING RECREATIONAL POTENTIAL OF SMALL IMPOUNDMENTS, TECHNICAL BULLETIN 71
Born, Stephen M., Thomas L. Wirth, Edmund M. Brick, and James O. Peterson
Madison: Department of Natural Resources, State of Wisconsin, 1973, 20 pp.

Methods of rehabilitating and managing small bodies of water from silting, algae, aquatic vegetation, and declining fisheries. Emphasis on how local interests can undertake substantial environmental improvement plan.

FEDERAL OUTDOOR RECREATION PROGRAMS AND RECREATION-RELATED ENVIRONMENTAL PROGRAMS: DIGEST
Bureau of Outdoor Recreation, U. S. Department of the Interior
Washington, D.C.: U.S. Government Printing Office, 1973, 110 pp., $1.35. (I66.2:P94/970/digest).

Updating of pertinent facts and figures of the fuller publication by this name cited under 1970 publications; consult this guide first for most recent available information.

RECREATION: A NEW INDUSTRY FOR THE GREAT PLAINS?
Burry, Richard L., Billy H. Hardman, and Robert E. Wagner
Soil Conservation 38(12):259-261. July 1973.

The Great Plains can be developed to meet the recreation needs of many people through coordinated efforts of private landowners and public agencies.

A MEASURE OF OUTDOOR RECREATION USAGE, AGRICULTURAL ECONOMICS REPORT 52
Gibbs, Kenneth C.
Gainesville: Agricultural Experiment Station, University of Florida, 1973, 51 pp.

Methodology for calculating the number of visitors to a recreation site and determining what attracts them.

COMPONENTS OF OUTDOOR RECREATION VALUES: KISSIMEE RIVER BASIN, FLORIDA
Gibbs, Kenneth C. and J. Richard Conner
Southern Journal of Agricultural Economics 5(1):239-244. July 1973.

Procedure for estimating total recreational value: interviews with residents and visiting recreationists about use of water basin resources.

ESTIMATION OF OUTDOOR RECREATIONAL VALUES, ECONOMICS REPORT 53
Gibbs, Kenneth and John F. McGuire III
Gainsville: Agricultural Experiment Station, University of Florida, 1973, 58 pp.

Placing an economic value on recreation to allow determination of best uses for an area and estimation of optimal demand.

U.S. DEPARTMENT OF INTERIOR FINAL ENVIRONMENTAL STATEMENT: NATIONWIDE OUTDOOR RECREATION PLAN
Washington, D. C.: U.S. Government Printing Office, 1973, 279 pp. $2.75, S/N 2416-0067

The plan identifies the needs and demands of the public for outdoor recreation, and the availability of outdoor recreation resources, present and future, to meet these needs.

THE ROLE OF LAKE PROPERTY OWNERS AND THEIR ORGANIZATIONS IN LAKE MANAGEMENT
Klessig, Lowell L. and Douglas A. Yanggen
Upper Great Lakes Regional Commission. Madison: College of Agricultural and Life Sciences, University of Wisconsin-Madison, 1973, 16 pp.

Description of alternative types of lake management organizations assessed by strengths and weaknesses; proposed legislation reviewed; hints to keep organizations running smoothly.

OUTDOOR RECREATION RESEARCH REGISTER, 1973, NUMBER 5
Washington, D. C.: U.S. Government Printing Office, 1973, 152 pp. $1.55. (I66.18:5(SN2416-00059). Item 657-B-8).

Bureau of Outdoor Recreation's compilation of 383 currently active or recently completed research projects, with brief descriptions.

OUTDOOR RECREATION IN UTAH, THE SECOND PLAN, 1970-1985
Salt Lake City: Department of Natural Resources, State of Utah, 1973, 250 pp.

State Comprehensive Outdoor Recreation Plan cited as model by Bureau of Outdoor Recreation: includes goals, description of current status of population, recreation supply and demand, standards and needs, actions and responsibilities, roles and priorities, expenditure analysis, and programs.

CONSERVATION AND RECREATION SITES
Phillips, Charles C.
Soil Conservation 38(12):268-270. July 1973.

About Soil Conservation Service's technical assistance in planning, land use and conservation treatment of recreation developments. Gathering resource data, interpretation and evaluation, and developing sound conservation policies at recreation sites.

1972

RECREATIONAL LAND DEVELOPMENT PREFERENCE SURVEY
Graaskamp, James A.
Upper Great Lakes Regional Commission. Madison: Cooperative Extension Service, University of Wisconsin-Madison, 1972, 6 pp.

Prototype survey, summary of questions and responses, relates specifically to recreational land purchases by individuals.

THE EMERGING ROLE OF OUTDOOR RECREATION IN THE ECONOMIC ENVIRONMENT OF ARKANSAS
Green, Bernal L., Mort Karp, J. Martin Redfern, and Henry Meenen
Fayetteville: Agricultural Experiment Station, University of Arkansas, 1972, 25 pp.

Examines contributions of recreation--past, present, and future--to the state's economy from perspectives of the economist and the design architect. Analysis and recommendations.

RECREATIONAL FISHING: ITS IMPACT ON STATE AND LOCAL ECONOMIES
Hoffman, Robert G. and Hiroshi Yamauchi
Honolulu: Agricultural Experiment Station, University of Hawaii, 1972, 38 pp.
A guideline study for estimating participation in various kinds of recreational fishing activities, expenditures of recreational fishermen, and economic impact on the state.

CARRYING CAPACITY CONTROLS FOR RECREATION WATER USES
Kusler, Jon A.
Upper Great Lakes Regional Commission. Madison: Department of Natural Resources, State of Wisconsin or Cooperative Extension Service, University of Wisconsin-Madison, 1972, 71 pp.
Limiting total water use to assigned carrying capacity by water sport regulations and access control. Emphasizes need for statewide programs, conjunctive action by state and local units of government. Presents model statute.

RECREATION FACILITIES: A FARM LOAN PROGRAM
Washington, D.C.: Farmers Home Administration, U.S. Department of Agriculture, 1972, 4 pp.
Pamphlet describing how loan funds may be used, who may borrow, amounts and terms, and other benefits of FHA recreation loans.

CONSIDERATIONS IN ESTABLISHING CAMPING FACILITIES IN ALABAMA, CIRCULAR 193
Sherling, A. B. and E. W. McCoy
Auburn: Agricultural Experiment Station, Auburn University, 1972, 18 pp.
A model study to ascertain factors to consider before committing resources to campground development.

1971

RURAL RECREATION ASSOCIATIONS
Badenhop, M.B. and Julian E. Holmes
Tennessee Farm and Home Science Progress Report No. 77, January-March 1971, 6-8. Available from Agricultural Experiment Station, University of Tennessee, Knoxville.
Summary data on income, costs and investment, facilities available and operation of ten rural recreation associations funded by the Farmers Home Administration.

COMMUNITY ACTION FOR RECREATION DEVELOPMENT
Madison: Recreation Resources Center, University of Wisconsin-Madison, 1971, 24 pp.
Study with USDA of rural recreational cooperatives and FHA assistance available. Study in Wisconsin applicable to other states in terms of types of recreation enterprises and studies of their feasibility.

A COMPUTER PROGRAM FOR SUMMARIZING OUTDOOR RECREATION SUPPLY
McCoy, E.W.
Auburn: Agricultural Experiment Station, Auburn University, 1971, 43 pp.
Model procedure for inventory. Second volume to PARTICIPATION IN OUTDOOR RECREATION IN ALABAMA, under 1970 publications listing. Technical.

A USE OF CLUSTER ANALYSIS IN OUTDOOR RECREATION RESEARCH, BULLETIN 419
McCoy, E. W. and W. C. Willis III
Auburn: Agricultural Experiment Station, Auburn University, 1971, 28 pp.

A program for grouping appropriate data, to identify various types of outdoor recreation regions, based on certain variables and weighted by location.

OUTDOOR RECREATION IN FLORIDA
Tallahassee: Department of Natural Resources, State of Florida, 1971, 349 pp.

State Comprehensive Outdoor Recreation Plan cited by the Bureau of Outdoor Recreation as an outstanding model of guidelines for defining, justifying, and providing services.

1970

LIABILITY ASPECTS OF OUTDOOR RECREATION
Barrett, Dean E., Daniel D. Badger, and Glenn E. Laughlin
OSU Extension Facts, No. 814. Stillwater: Cooperative Extension Service, Oklahoma State University, 1970, 4 pp.

Detailed discussion of duties and liabilities associated with rural recreation enterprises; also, liability insurance, incorporation, and other obligations of property owners.

FEDERAL OUTDOOR RECREATION PROGRAMS AND RECREATION-RELATED ENVIRONMENTAL PROGRAMS
Bureau of Outdoor Recreation, U.S. Department of the Interior
Washington, D.C.: U.S. Government Printing Office, 1970, 225 pp., $2.75. (I66.2:P94/970. Item 657-B-1).

Reference source for locating federal programs to assist in providing more recreation opportunities in a quality environment. Includes programs from USDA, Commerce, Defense, HEW, HUD, Interior, Labor, Transportation.

ESTIMATING RECREATION USE AT VISITOR INFORMATION CENTERS
Cordell, Harold K., George James, and Russell F. Griffith
Washington, D.C.: Forest Service, U.S. Department of Agriculture, 1970, 8 pp. A publication of the Southeast Forest Experiment Station.

Sampling techniques by which reliable estimates can be obtained at moderate cost.

OUTDOOR RECREATION ACTIVITIES OF NORTH DAKOTA RESIDENTS
Cox, Rex W. and Jerome E. Johnson
Fargo: Agricultural Experiment Station, North Dakota State University, 1970, 55 pp.

A model study of projections for resident participation in recreational activities and summary of ownership and use of recreation accessories in a rural state.

ELEMENTS OF OUTDOOR RECREATION PLANNING
Driver, B.L., ed.
Ann Arbor: University Microfilms, 300 N. Zerb Road, Ann Arbor, Michigan 48106, 1970, 316 pp.

Collection of papers presented at a national short course on the elements of recreation planning includes: (1) Outdoor Recreation, Its Nature, Significance, Scope, and Trends and (2) A General View of Outdoor Recreation Planning, Policy Formulation, and Administration.

ECONOMIC ANALYSIS OF COMMERCIAL RANCH RECREATION ENTERPRISES
Las Cruces: Agricultural Experiment Station, New Mexico State University, 1970, 36 pp.

Study of hunting with and without rancher investment, cabin rentals, fish ponds, horse rentals, guide services, for investment-costs and returns.

FEDERAL ASSISTANCE IN OUTDOOR RECREATION
Washington, D.C.: U.S. Government Printing Office, 1970, 100 pp., 50¢. (I66.-11:1/5. Item 657-B-2).

Booklet listing various federal programs whereby an individual or organization can receive information about assistance in outdoor recreation. For fullest information, consult FEDERAL OUTDOOR RECREATION PROGRAMS AND RECREATION-RELATED ENVIRONMENTAL PROGRAMS.

PARTICIPATION IN OUTDOOR RECREATION IN ALABAMA: A GUIDE FOR ESTABLISHING RECREATIONAL NEEDS
McCoy, E.W.
Auburn: Agricultural Experiment Station, Auburn University, 1970, 44 pp.

Establishes a method for deriving recreational demand data for an area and, by use of conversion standards, establishes recreational needs.

OUTDOOR RECREATION: PARTICIPATION, CHARACTERISTICS OF USERS, DISTANCES TRAVELED, AND EXPENDITURES, BULLETIN 1033
Owens, Gerald P.
Wooster: Ohio Agricultural Research and Development Center, 1970, 30 pp.

Stratified by rural and urban samples, a study of 14 recreation activities in the region; applicable as case study to other regions.

THE NAME OF THE GAME IS RECREATION RESEARCH
Shafer, Elwood L., Jr.
Environmental Education 2(1):30-34. Fall 1970.

A systems analysis approach to solving problems of outdoor recreation demand, use, and planning.

YOUR GUIDE TO PLANNING PARKS AND PLAYGROUNDS
State College: Cooperative Extension Service, The Pennsylvania State University, 1970, 15 pp.

Planning individual recreation areas after site selection; types of areas, neighborhood park, community playfield-park, community park-school.

SURVEY OF RESIDENT AND NONRESIDENT TOURIST GROUPS
Cox, Rex W., Jerome E. Johnson, and Lowell K. Cook
Fargo: Agricultural Experiment Station, North Dakota State University, 1969, 35 pp.

Thorough statewide study, with national applicability, of tourist trip plans, mileage, costs, participation in recreation activity, intent of visit, and other factors.

TECHNIQUES FOR ESTIMATING RECREATION DEMAND
Fight, Roger
Madison: Center for Resource Policy Study and Programs, University of Wisconsin-Madison, 1969, 55 pp.

Methods discussed: telephone survey, photo-mailing, leaflets. Projections by time series, cross-section analysis, and Clawson demand curves. Appendixes with background and procedural information.

RURAL POVERTY AND RECREATION DEVELOPMENT, DOOR COUNTY, WISCONSIN
Gotzman, Hans
Madison: Urban and Regional Planning Department, University of Wisconsin-Madison, 1969, mimeo.

A case study applicable to other regions on possibilities of stimulating amd amplifying a rural economy through recreational development, public and private.

RURAL-URBAN DIFFERENCES REFLECTED IN OUTDOOR RECREATION PARTICIPATION
Hendee, John C.
Journal of Leisure Research 1(4):333-341. Autumn 1969.

Study concludes that any real differences are hard to define, since national surveys reveal a lack of rural-urban recreation preferences. Suggests that theories be built around demographic factors other than residence.

OUTDOOR RECREATION IN NEW YORK STATE: PROJECTIONS OF DEMAND, ECONOMIC VALUE, AND PRICING EFFECTS FOR THE PERIOD 1970-1985 by Robert J. Kalter and Lois E. Gosse
Ithaca, New York: New York State College of Agriculture, Cornell University, 1969, 57 pp. (Special Cornell Series No. 5). Free.

Detailed economic and statistical analysis which is notable for the techniques employed.

VI. LOCAL GOVERNMENT STRUCTURE AND TAXATION

SOURCES OF INFORMATION

National Association of Regional Councils
Mr. Richard C. Hartman, Director
1700 K Street, N. W.
Washington, D. C. 20006
Phone: 202-296-5253

Promotes development and understanding of the work of regional councils; offers information and assistance services. Publishes Regional Perspectives, a monthly report on its programs, and a weekly newsletter, Washington Report.

Council of State Governments
Mr. Brevard Crihfield
Executive Director
Iron Works Pike
Lexington, Kentucky 40511
Phone: 606-252-2291

Joint agency of all state governments. Conducts research, provides information services, and an extensive publishing program. Periodic publications include: The Book of the States, State Government, and State Government News.

National Association of Counties
Mr. Bernard F. Hillenbrand
Executive Director
1735 New York Avenue, N. W.
Washington, D. C. 20006
Phone: 202-785-9577

Publishes weekly County News ($15.00 yearly), and a supplement, The American County ($2.00 per copy). Concentrates on economic, social, and other issues confronting local governments.

PRIMARY JOURNALS AND NEWSLETTERS

PUBLIC WORKS
Office of Publications
East Stroudsburg, Pennsylvania 19360
$15.00 a year, 12 issues

Engineering and planning articles, news, and editorial comment in the public works field

Also see those under SOURCES OF INFORMATION above.

1974

A STUDY OF LOCAL GOVERNMENT ORGANIZATION: CALVERT COUNTY, MARYLAND
Azzaretto, John F.
College Park: Maryland Technical Advisory Service, Division of Behavioral and Social Sciences, University of Maryland, 1974, 43 pp.

A report to the County Commissioners on alternatives to present organizational structure. Describes setting and present governmental structure, assesses problem areas, and presents plans for strengthening and improving the system.

HOME RULE IN MARYLAND COUNTIES
Eppes, M. Henry
College Park: Maryland Technical Advisory Service, Division of Behavioral and Social Sciences, University of Maryland, 1974, 34 pp.

Description of the way county governments operate in Maryland with respect to state government and legislation on local matters.

EXPENDITURES ON PUBLIC SERVICES IN ILLINOIS BY UNITS OF LOCAL GOVERNMENT
Fettig, Lyle P.
in RURAL COMMUNITY AND REGIONAL DEVELOPMENT: PRESPECTIVES AND PROSPECTS, BULLETIN AE-4336. Urbana: Department of Agricultural Economics, University of Illinois, 1974, 88-98.

Report of research suggesting that differences in proportion of revenues received by local governments from state and federal sources are related to characteristics of the populations that these governments serve.

STATE PROGRAMS FOR THE DIFFERENTIAL ASSESSMENT OF FARM AND OPEN SPACE LAND, SPECIAL REPORT NO. 256
Hady, Thomas F. and Ann Gordon Sibold
Washington, D.C.: Economic Research Service, U.S. Department of Agriculture, 1974, 34 pp.

Differential assessment raises problems of defining uses to be permitted on the land under law; difficulties of administration; and questions of increased taxes.

HANDBOOKS FOR WYOMING MAYORS AND COUNCILMEN, FOR WYOMING COUNTY COMMISSIONERS, AND BUDGETING PROCEDURES FOR WYOMING TOWNS
Cheyenne: Wyoming Association of Muncipalities, 1974, 3 notebooks, $7.71. Address: Box 2535, Cheyenne 82001.

Model guides to better local government administration: suggested forms, procedures, financing methods, delineation of responsibilities, description of current operations.

LOCAL GOVERNMENT AND ITS SUPPORT IN THE GREAT PLAINS
Kelsey, Galen, Charles E. Lawrence, Robert R. Fletcher, with Barry L. Flinchbaugh, S. Kenneth Oakleaf, Donald M. Sorenson, Norbert A. Dorow, Verne W. House, and Bert M. Evans
Lincoln: Cooperative Extension Service, University of Nebraska, 1974, 28 pp. Available from any land-grant university.

Four circulars: local government, its development responsibilities, forces for change; financing local government; approaches to improving local government; your responsibility for local government.

IMPACTS OF URBAN GROWTH ON LOCAL GOVERNMENT COSTS AND REVENUES, SPECIAL REPORT 423
Pattie, Preston S.
Corvallis, Extension Service, Oregon State University, 1974, 37 pp.

Data gathered from rural and urban areas to determine impacts of residential growth on government expenditures as borne by rural and urban areas.

POWERS AND RESPONSIBILITIES OF PENNSYLVANIA COUNTY OFFICIALS, SPECIAL CIRCULAR 191
State College: College of Agriculture and Cooperative Extension Service, The Pennsylvania State University, 1974, 16 pp.

An outline of county government in Pennsylvania to suggest what residents have a right to expect in public actions and services.

POWERS AND RESPONSIBILITIES OF TOWNSHIP SUPERVISORS, SPECIAL CIRCULAR 197
State College: College of Agriculture and Cooperative Extension Service, The Pennsylvania State University, 1974, 17 pp.

Example outline of township government as it operates in Pennsylvania. Suggests what township residents have a right to expect in public actions and services.

LOCAL AND COUNTY GOVERNMENT EXPENDITURES
Rogers, Keith D., Lee V. Mayer, Earl O. Heady, Theodore Thornton, and Wayne Ellingson
in THE STATE OF ECONOMIC AND SOCIAL DEVELOPMENT IN THE NORTH CENTRAL REGION OF THE UNITED STATES. Ames: North Central Regional Center for Rural Development, 1974, 74-95.

Discusses rising costs of financing public institutions in rural areas and methods of remedying the situation.

FARM REAL ESTATE TAXES--RECENT TRENDS AND DEVELOPMENTS, RET-13
Stam, Jerome M. and Eleanor L. Courtney
Washington, D. C.: Economic Research Service, U. S. Department of Agriculture, 1974, 15 pp.

Description of increases in taxes, market values of land, and farm incomes in the 50 states.

ALTERNATIVE SOURCES OF LOCAL TAX REVENUE IN APPALACHIA, ERS-457
Walrath, Arthur J.
Washington, D. C.: Economic Research Service, U. S. Department of Agriculture, 1974.

A study of possible new sources of tax revenue to relieve the heavy burden of real property taxes.

1973

CALVERT COUNTY PUBLIC FINANCE STUDY
Azzaretto, John F.
College Park: Maryland Technical Advisory Service, Division of Behavioral and Social Sciences, University of Maryland, 1973, 93 pp.

Report to assist financial planning and formulation of fiscal policies and programs with which to provide public services needed by a growing population in a largely rural county.

PUBLIC INVESTMENTS AND POPULATION CHANGE IN THREE RURAL WASHINGTON STATE TOWNS, AGRICULTURAL ECONOMICS SUPPLEMENT NO. 236
Bills, Nelson L. and Paul W. Barkley
Washington, D. C.: Economic Research Service, U. S. Department of Agriculture, 1973, 26 pp.

Analysis of a 36-year period of $10 million in expenditures to expand or improve eight municipal services.

DECISION MAKING AT THE COMMUNITY LEVEL
Broberg, Don
in Larry Whiting, ed. RURAL DEVELOPMENT RESEARCH PRIORITIES. Ames: Iowa State University Press, for the North Central Regional Center for Rural Development, 1973, 41-45.

Resource conservation and development projects as continuing multicounty planning agencies for rural development; how the projects function, community improvements.

FEDERAL REVENUE SHARING: A GUIDE FOR GOVERNMENT OFFICIALS AND COMMUNITY LEADERS
Fargo: Cooperative Extension Service, North Dakota State University, 1973, 4 pp.

A good description of all phases of revenue sharing as they affect local communities: e.g., how revenue sharing funds can be used to lower local taxes.

FINANCING STATE AND LOCAL GOVERNMENT IN KANSAS
Flinchbaugh, B. L.
Manhattan: Cooperative Extension Service, Kansas State University, 1973, 35 pp. with statistical supplement, 23 pp.

Discussion and exhibits in tables about alternative solutions to the tax mix in Kansas, based on national and state statistics.

REDUCING PROPERTY TAXES IN NORTH CAROLINA: AN ECONOMIC ANALYSIS, ECONOMICS INFORMATION REPORT NO. 33
Hyman, D. N. and E. C. Pasour, Jr.
Raleigh: Department of Economics, North Carolina State University, 1973, 35 pp.

Analysis of relationship between changes in level of property taxes and values for owner-occupied housing, rental housing, and farm real estate. Results suggest difficulties in predicting effects of general property tax reductions.

STATE AND LOCAL REVENUES AND EXPENDITURES IN NORTH CAROLINA, ECONOMICS INFORMATION REPORT NO. 29
Pasour, E. C., Jr.
Raleigh: Department of Economics, North Carolina State University, 1973, 64 pp.
Principal sources of revenue and expenditures for major functions of state and local governments. Details of one state's analysis of tax structure and financial burden on local government.

FINANCING STATE AND LOCAL GOVERNMENT: WHAT ARE THE CHOICES?
Peterson, Everett E., with J. B. Wycoff, J. M. Huie, Frederick D. Stocker, and Arley D. Waldo
College Park: Cooperative Extension Service, University of Maryland, 1973, 30 pp.
Four circulars on nature and causes of state and local public finance problems and major policy alternatives for solving them.

STATE-LOCAL TAX INEQUITY: AN EMPIRICAL ANALYSIS OF THE FIFTY STATES
Phares, Donald
Lexington: Lexington Books, 1973, 195 pp., $8.00. Address: Lexington, Mass. 02173.
Explains characteristics of specific taxes; examines level and distribution of costs of public goods in each state. Model to estimate claim of public sector on private resources.

TAXATION AND WYOMING AGRICULTURE
Laramie: Agricultural Experiment Station, University of Wyoming, 1973, 28 pp.
Study of population and income of Wyoming and neighboring states; taxation and revenues; general expenditures of state and local governments; agricultural income and taxation.

1972

EVALUATING OREGON'S TAX OPTIONS ON POLLUTION CONTROL FACILITIES, SPECIAL REPORT 361
Nelson, A. Gene
Corvallis: Cooperative Extension Service, Oregon State University, 1972, 9 pp.
A tax incentive program to encourage agricultural producers to operate facilities to control air or water pollution, including animal waste control regulations.

EVALUATION OF LOCAL NONPROPERTY TAXES FOR RURAL AND URBAN AREAS IN KANSAS
Orazem, Frank and Ronald G. Trestle
American Journal of Agricultural Economics 54(4):635-638. November 1972.
Differentials between per-capita property and nonproperty tax base in rural and urban areas and potential uses of revenue.

PUBLIC SCHOOL FINANCE IN MICHIGAN: CHARACTERISTICS AND TRENDS
Perkinson, Leon B. and Alvin E. House
East Lansing: Center for Rural Manpower and Public Affairs, Cooperative Extension Service, Michigan State University, 1972, 38 pp.

Explores magnitude of resources necessary to support educational system and pending proposals for change in revenue sources.

ESTIMATING INTERCOUNTY BENEFITS FROM RURAL DEVELOPMENT PROGRAMS
Schreiner, Dean and George Muncrief
in RESEARCH APPLICATION IN RURAL ECONOMIC DEVELOPMENT AND PLANNING. Stillwater: Agricultural Experiment Station, Oklahoma State University, 1972, 71-76.

Measuring geographic distribution of benefits from rural development as they relate to various jurisdictional groups.

LOCAL GOVERNMENT FISCAL STRUCTURE IN TEXAS
Stanford, Jay G.
Arlington: Institute of Urban Studies, University of Texas at Arlington, 1972, 51 pp.

Focus on ability of local government to keep pace with current demands and improve its services, with emphasis on role of property tax. Applicable to rural and urban growth.

LOCAL TAX IMPACT OF RECREATIONAL SUBDIVISIONS: A CASE STUDY, SPECIAL REPORT 365
Tillson, Gregory D., Russell C. Youmans, and Marion D. Thomas
Corvallis: Cooperative Extension Service, Oregon State University, 1972, 10 pp.

A method for examining effects of subdivision growth on local government financing and property tax rates. A study of small parcels of rural, unimproved land for a "rural-residential" subdivision.

1971

PUBLIC SERVICES IN RURAL AREAS, 1970
Hady, Thomas F. and Ronald Bird
Yearbook of Agriculture Separate No. 3685. Washington: U. S. Department of Agriculture, 1971, 158-162.

Local governments have turned to "piggybacking" state sales tax or income tax in which states collect their own taxes and those of local governments at the same time in order to provide needed public services.

LOCAL GOVERNMENT STRUCTURE AND THE PROVISION OF PUBLIC SERVICES IN RURAL COMMUNITIES, REPORT NO. 46
Lutz, Edward A.
Ithaca: Department of Agricultural Economics, New York State College of Agriculture and Life Sciences, Cornell University, 1971, 13 pp. Free.

Text of address reviewing scholarly and pragmatic approaches to financing services in rural areas and to assure equity with metropolitan centers in competing for funds.

THE REAL PROPERTY TAX, ADJUSTING TO REALITY
Marshall, J. Paxton, W. L. Gibson, Jr., Arthur J. Walrath
Blacksburg: Virginia Polytechnic Institute and State University, 1971, 30 pp.
Prepared as an Extension tool for discussion groups on an issue of public policy now before the Virginia State Legislature. Useful as a local guide.

THE IMPACT OF CITY-COUNTY CONSOLIDATION OF THE RURAL-URBAN FRINGE: NASHVILLE-DAVIDSON COUNTY, TENNESSEE, AGRICULTURAL ECONOMICS REPORT NO. 206
McArthur, Robert E.
Washington, D. C.: Economic Research Service, U. S. Department of Agriculture, 1971, 33 pp.
Studies effects of Metro form of government on public services in the rural-urban fringe.

PROVIDING PUBLIC SERVICES IN MISSOURI
Columbia: Extension Division, University of Missouri, 1971, 12 items.
Information packet designed to give citizens a better understanding of state and local governments' roles in providing needed public services.

RURAL AMERICA: STRUGGLE TO ELIMINATE POVERTY
Congressional Quarterly Weekly Report 29(22):1176-1180. May 28, 1971.
Section on revenue sharing by local communities.

1970

INCOME MAINTENANCE AND THE RURAL POOR: AN EXPERIMENTAL APPROACH
Bawden, D. Lee
American Journal of Agricultural Economics 52(1):438-441. January 1970.
Two experimental programs in the South and Midwest involving the negative income tax.

THE IMPACT OF NEW INDUSTRY ON LOCAL GOVERNMENT FINANCES IN FIVE SMALL TOWNS IN KENTUCKY, AGRICULTURAL ECONOMICS REPORT NO. 191
Garrison, Charles B.
Washington, D.C.: Economic Research Service, U. S. Department of Agriculture, 1970, 27 pp.
The difference between additional revenue and extra services required was negative in most cases. Increased cost of local services was small.

TAXATION POLICIES IN RURAL-URBAN FRINGE AREAS
Hady, Thomas F.
Assessors Journal 5(2):10-19. July 1970.
Differential assessment laws discussed; tax policy to allow farms to remain on fringe of cities.

PLANNING IN RURAL AREAS
Hahn, Alan J.
American Institute of Planners Journal 36(1):44-49. January 1970.
Planning programs in rural areas often fail to respond to the informal nature of rural government, the slower pace of change, smaller number of perceived crises, and special problems of meeting costs and demands for professional personnel.

FINANCING LOCAL SCHOOLS
Orazem, Frank and John R. Janssen
Manhattan: Cooperative Extension Service, Kansas State University, 1970.
Equalizing tax burdens among school districts by formula.

1969

REGIONAL DEVELOPMENT AND THE RURAL POOR
Hansen, Niles M.
Journal of Human Resources 4(2):204-214. Spring 1969.
A discussion of the difficulty of attracting industry and upgrading rural life through government programs.

MULTIJURISDICTIONAL AREA DEVELOPMENT: A MODEL AND LEGISLATIVE PROGRAM
Institute for Rural America
Lexington: Spindletop Research, 1969, 126 pp. Address: Lexington, Ky. 40501
An effective coordinating vehicle is necessary for success in resolving current problems in local government. Approach must be extensive, comprehensive, interrelated, and pace-oriented. Recommends a national system of multistate regional coordinating commissions, such as the Appalachian Regional Commission.

THE LOCAL GOVERNMENT'S ROLE IN REGIONAL DEVELOPMENT
Spence, Sandra
Appalachia 2(8):8-13. May 1969.
Progress in a range of organizational and intergovernmental matters is necessary to development of the Appalachian region. Making local government strong as an economic, political, and social base.

VII. RURAL HOUSING

SOURCES OF INFORMATION

The American Association of Housing Educators
Miss Mary Tucker, Recording Secretary
American Association of Housing Educators
Kansas State University
Manhattan, Kansas 66506
Phone: 913-532-5780

Strives to strengthen research and teaching about housing, producing new knowledge and better understanding of the role of housing in life of families. Newsletter appears nine times a year. Journal is $15.00 a year; Proceedings published after annual meetings.

Housing Assistance Council
Ms. Beverly Nelson
Information Director
1601 Connecticut Avenue, N. W.
Washington, D. C. 20009
Phone: 202-483-1426

Issues bi-weekly HAC News (free), and HAC Information Series, the latter appears irregularly and contains data and comments on pending legislation and programs. Council is a nonprofit corporation dealing with rural and low-income housing developments and needs. Also issues occasional handbooks and reports. Give inquiry assistance.

Rural Housing Alliance
Mr. Clay Cochran, Director
1346 Connecticut Avenue, N. W.
Washington, D. C. 10036
Phone: 202-659-1680

Concentrates on developing and promoting programs for low-income housing for rural Americans; its publications are aimed at informing the lay person, or providing support for legislative efforts. Has a free publications list of 45 items.

BIBLIOGRAPHIES

HOUSING AND PLANNING REFERENCES
Washington, D. C.: U.S. Department of Housing and Urban Development, 1970 and continuing to date. About 50 citations each issue.
Published bimonthly, covering all facets of housing with one section on rural housing and planning; not strong on rural references.

PUBLICATIONS FROM THE HOUSING ASSISTANCE COUNCIL
Washington, D. C.: Housing Assistance Council, 1974. 2 pp., 30 citations covering all in-print items.

USEFUL PUBLICATIONS
Washington, D. C.: National Association of Home Builders, 1975. 32 pp., 150 citations. Address: 15th and M Streets, N.W.
Accent on home building trades and industry.

PRIMARY JOURNALS AND NEWSLETTERS

HOUSING PROGRAM NOTES
Community Resource Development
Extension Service, USDA
Washington, D. C. 20250
Free, but limited distribution;
published irregularly

Intended to inform on research, funding, and successful field projects; primarily intended for Extension community housing specialists.

Also see those under SOURCES OF INFORMATION above.

1975

VACANT HOUSING: IS IT ADEQUATE AND IN THE RIGHT PLACES? STATISTICAL BULLETIN NO. 536
Bird, Ronald
Washington, D. C.: Economic Research Service, U.S. Department of Agriculture, 1975, 36 pp.

Summary of 1970 Census data indicating that few adequate vacant units are located in nonmetropolitan counties; even in counties having the best housing conditions, vacancy rates needed for mobility were mostly among substandard housing.

RURAL HOUSING: NEEDS, CREDIT AVAILABILITY, AND FEDERAL PROGRAMS
Prepared by Congressional Research Service, Library of Congress for U.S. Senate Subcommittee on Rural Development
Washington, D. C.: U.S. Government Printing Office, 1975. Free from Subcommittee.

Analyzes major federal programs for rural housing; concludes rural home buyers must pay higher rates of interest and pay off home loans over a shorter period of time than most metropolitan homebuyers.

1974

PUBLIC HOUSING IN EUROPE AND AMERICA
Fuerst, J. S., ed.
New York: John Wiley & Sons, 1974, 216 pp.

Emphasis on methods to improve housing stock and expertise in meeting housing needs.

RURAL HOUSING SITE PLANNING IN NORTH CAROLINA, PUBLICATION 105
Hester, Randolph T., Jr., Barrett, L. Kays, Donald A. D'Ambrose, and Carl R. Dunn, Jr.
Raleigh: North Carolina Agricultural Extension Service, North Carolina State University, 1974, 55 pp.

Mountain rural housing for low- and middle-income families and second home builders, generally applicable to rural regions. Preference procedures for selecting and developing a building site, with economic and social considerations.

THE HOUSING AND COMMUNITY DEVELOPMENT ACT OF 1974: IMPLICATIONS FOR RURAL AMERICA
Washington, D. C.: Housing Assistance Council, 32 pp., $1.50.

Background and summary: applicability of Title V, rural housing; Title II, assisted housing; housing assistance plans; Title I, community development. Detailed explanations of benefits.

A PROFILE OF RURAL HOUSING IN NORTH CAROLINA, ECONOMICS RESEARCH REPORT NO. 29
King, Richard A. J. William Lackey, and Philip R. Lobue
Raleigh: Department of Economics, North Carolina State University, 1974, 88 pp.

Survey study of 1,170 rural families provided data on conditions: housing services, family income, household size, tenancy status, ethnic group, and farm-nonfram residency.

LOWER PENEBSCOT RIVER AREA IMPROVING RURAL HOMES PROJECT
Melniker, Nancy and Forest French
Orono: College of Life Sciences & Agriculture, University of Maine at Orono, 1974, 15 pp.

A good example and description of the organization of an improvement project with documentation of its progress.

A PLACE TO LIVE; HOUSING POLICY IN THE STATES
Lexington: The Council of State Governments, 1974, 49 pp.

Report of major housing problems, outlining responses of state and federal governments and providing general guidelines for solutions. Ample discussion of rural housing as part of the problem.

RURAL HOUSING PRESERVATION: PROGRAMS AND PROSPECTS
Washington, D. C.: Housing Assistance Council, 1973, $2.50.

Effectiveness of programs for rehabilitating and repair of existing rural homes, suggesting improvements. Stresses need for comprehensive national strategy to provide low-income housing.

GUIDELINES TO COUNTY EXTENSION HOUSING PROGRAMS
Warrick, Woodley C.
Working paper available from the author, Cooperative Extension Service, North Carolina State University, Raleigh 27606, 1974, 7 pp.

Tabular format showing how activities and resources can contribute to Extension teaching efforts in eliminating substandard housing.

1973

ALTERNATIVE LOW-INCOME HOUSING DELIVERY SYSTEMS FOR RURAL AMERICA
Washington, D. C.: Housing Assistance Council, 1974, 120 pp. $4.00.

Examines effectiveness of seven housing authorities in meeting needs and suggests models of effective mechanisms for providing low-income housing.

INADEQUATE HOUSING AND POVERTY STATUS OF HOUSEHOLDS IN AREAS SERVED BY FARMERS HOME ADMINISTRATION PROGRAMS, 1970, BY STATES, USDA STATISTICAL BULLETIN NO. 520
Bird, Ronald
Washington, D. C.: Rural Development Service, U. S. Department of Agriculture, 1973, 23 pp.

Selected data from 1970 Census of Housing are summarized. Tables arranged by region to show how many rural households live in poverty or have inadequate housing.

ALTERNATIVES FOR RURAL AMERICA
Butler, Stephen
HUD Challenge 4(6): 7-9. June 1973.

How Housing Assistance Council aided in formation of three rural regional housing authorities by providing technical assistance and interest-free loans for initial operating expenses. For more information, contact HAC.

AMERICA'S RURAL HOUSING
Cavanaugh, Gordon
The American County 38(4): 8-9. April 1973.

Identifies housing problem in rural America and describes deficiencies in national housing programs and policies as applied to rural communities. Possible future results described.

RURAL HOUSING NEEDS AND BARRIERS, THE CASE OF CENTRAL APPALACHIA
Deaton, Bruce J. and Charles E. Hanrahan
Southern Journal of Agricultural Economics 5(1):59-67. July 1973.

Description in the context of social and economic conditions of the housing situation in one of the most depressed rural areas in the nation.

HOUSING CHARACTERISTICS FOR STATES, CITIES, AND COUNTIES, PART I, U. S. SUMMARY
Washington, D. C.: U. S. Government Printing Office, 1973, 512 pp., $6.25, (C3.224/3:970/v.1/pt.1 Item 156-A-1).

Data from 1970 Census of Housing: summary of national totals for housing inventory, occupied housing, year-round housing.

DISCUSSION: RURAL HOUSING NEEDS AND BARRIERS, THE CASE OF CENTRAL APPALACHIA
Klindt, Thomas H.
Southern Journal of Agricultural Economics 5(1):69-70. July 1973.

Three questions to answer before implementing new public housing policy: (1) is it certain that existing institutions are not leading to resolution of needs? (2) should public transfers to the poor be earmarked for housing? (3) should we think of substandard housing as a problem or as a symptom of a larger problem?

LOW-INCOME HOUSING PROGRAMS FOR RURAL AMERICA
Washington, D. C.: Rural Housing Alliance, 1973, 4th ed., 32 pp. 75¢.

Introduction to low-income rural housing situation, description of government assistance programs, specific helps in obtaining financing.

MOBILE HOMES AND THE RURAL POOR: AN ALTERNATIVE NON-SOLUTION
Margolis, Richard J.
Washington, D. C.: Rural Housing Alliance, 1973, 23 pp. $1.00.

An exposé of how the rural poor pay too much for insufficient, inadequate, or unsafe mobile homes relative to the cost of conventional housing.

MOBILE HOMES, AN IMPORTANT NEW ELEMENT IN RURAL HOUSING
Mikesell, James J.
Washington, D. C.: Economic Research Service, U. S. Department of Agriculture, also in Agricultural Finance Review 34(3):18-23. July 1973.

Description of the increasing number of rural families turning to mobile homes for housing: types of tenants, tenure, satisfaction, financing discussed.

MOBILE HOMES AND THE MOBILE HOME PARK: AN ASPECT OF HOUSING SUPPLY
Omaha: Economic Development Department, Northern Natural Gas Co., 1973, 25 pp. Available from Division of Community Affairs, Department of Economic Development, State of Nebraska, Lincoln.

Guidelines for location, planning, development, cost, and management of mobile home parks. Sees mobile homes as good alternative to new housing for low-income rural families.

HOUSING ASPIRATIONS OF SOUTHERN APPALACHIAN FAMILIES
Montgomery, James E. and Gracia S. McCabe
Home Economics Research Journal 2(1):2-11. September 1973.

Description of current housing conditions and aspirations of rural and urban families in the region. Respondents had aspirations higher than current living conditions. Example of survey study.

HOUSING CONDITIONS AND HOUSING PROBLEMS PERCEIVED BY FAMILIES IN SELECTED LOW-INCOME AREAS OF GEORGIA, TEXAS, AND VIRGINIA, SOUTHERN COOPERATIVE SERIES BULLETIN 182
Needham, Doris L.
Athens: Agricultural Experiment Station, University of Georgia, 1973, 38 pp. Available from Southern Extension Services.

Study of family and regional characteristics, housing problems, plans to alleviate them, summary and conclusions.

HOW TO USE CENSUS DATA IN RELATION TO HOUSING NEEDS
Reinhardt, Hazel, Keith Moyer, and Harriett Moyer
Madison: Cooperative Extension Service, University of Wisconsin-Madison, 1973, 185 pp.

Description of urgency of certain housing needs; scheme for understanding Census data with conclusions and inferences; sample printout of housing and population; numerous tables.

REPORT AND RESOLUTIONS OF THE SECOND ANNUAL RURAL HOUSING CONFERENCE
Washington, D. C.: Rural Housing Alliance, 1973, 22 pp.

Compilation of current facts and figures about rural housing with documentation of where improvements are necessary. Covers conventional housing, mobile homes, and programs and policies. Excellent understandable source of summary data.

RURAL HOUSING, COMPONENT OF A POLICY FOR BALANCED GROWTH IN BUILDING RURAL TEXAS
Austin: Department of Community Affairs, State of Texas, 1973, 71 pp.

How to make rural development projects at the state or local level part of a comprehensive planning package which will secure maximum use of human and physical resources.

WHERE WILL ALL THE PEOPLE GO? THREE PAPERS ON NONMETROPOLITAN POPULATION TRENDS AND PUBLIC PERCEPTIONS OF THE GOOD LIFE. TESTIMONY BEFORE THE SUBCOMMITTEE ON RURAL DEVELOPMENT, COMMITTEE ON AGRICULTURE AND FORESTRY, U. S. HOUSE OF REPRESENTATIVES
Washington, D. C.: U. S. Government Printing Office, 1973, 41 pp., 20¢.

How trends for quality of life influence residential preference and population distribution in rural and nonmetropolitan areas. Results of a national survey.

1972

RURAL HOUSING REHABILITATION DEMONSTRATION, PRINCEVILLE, NORTH CAROLINA
Alford, Terry, King Burgwyn, Mike McLeod, and Richard Busse
Raleigh: Community Development Group, School of Design, North Carolina State University, 45 pp. Available: Interlibrary Center, D. H. Hill Library, P. O. Box 5007, Raleigh 27607.

Comprehensive report of a home repair program conducted in a rural North Carolina community. A how-to-do-it publication.

HOUSING CONDITIONS IN AREAS SERVED BY FARMERS HOME ADMINISTRATION PROGRAMS, 1970, BY STATES, STATISTICAL BULLETIN NO. 492
Bird, Ronald and Julia B. Perciful
Washington, D. C.: Economic Research Service, U. S. Department of Agriculture, 1972, 30 pp.

Data on status of housing in rural areas in terms of kind, adequacy, and occupancy.

HOUSING IN RURAL COMMUNITIES IN THE FOUR CORNERS ECONOMIC DEVELOPMENT REGION, SPECIAL REPORT NO. 15
Madsen, Albert G., Donald Sorensen, William M. Waneka, and William N. Capener
Las Cruces: Agricultural Experiment Station, New Mexico State University, 1972, 83 pp.

Description of how improved housing raised standards of living, expectations and attitudes among rural residents. Extensive tables, description of how study was conducted.

PROJECTIONS OF DEMAND FOR HOUSING BY TYPE OF UNIT AND REGION, AGRICULTURE HANDBOOK NO. 428, FOREST SERVICE, U. S. DEPARTMENT OF AGRICULTURE
Marcin, Thomas C.
Washington, D. C.: U. S. Government Printing Office, 1972, 76 pp., 75¢. (A1.76:428. (S/N6100-24771).

A computer model for projecting long-run demand for housing by type of unit and region; assumptions of specific conditions of population and economic growth, for years 1971-2020.

PROMISES TO KEEP. HOUSING NEED AND FEDERAL FAILURE IN RURAL AMERICA; TESTIMONY BEFORE THE SELECT COMMITTEE ON NUTRITION AND HUMAN NEEDS, U. S. SENATE
Washington, D. C.: U. S. Government Printing Office, 1972, 43 pp., 20¢. (Y4.N95:P94/972).

Testimony from experts on how substandard housing contributes to health and sanitation problems for low-income rural Americans.

HOW TO FIND WHAT A HOUSE COSTS YOUR COMMUNITY
Moyer, Keith and William Bradford
Madison: College of Agriculture and Life Sciences, University of Wisconsin-Madison, 1972, 25 pp.

Questionnaire study on costs of providing necessary services to housing; townspeople can conduct this survey at little cost.

PUBLIC HOUSING: WHERE IT IS AND WHERE IT ISN'T
Washington, D. C.: Rural Housing Alliance, 1972, 36 pp. 35¢.

Study by Housing Assistance Council pinpoints lack of public housing in the areas of greatest need, nonmetropolitan counties.

HOUSING 1970: DIFFERENCES BETWEEN SMSA'S AND NON-SMSA'S BY REGION WITH STATE DATA, AGRICULTURAL ECONOMICS REPORT NO. 230
Steward, Donald D. and Paul R. Myers
Washington, D. C.: Economic Research Service, U. S. Department of Agriculture, 1972, 43 pp.

Statistical analysis of patterns of home ownership, housing quality, and housing use in rural areas.

SUMMARY: OEO AND RURAL HOUSING
Washington, D. C.: Rural Housing Alliance, 1972, 320 pp.

A report of Office of Economic Opportunity activities and achievements for rural housing as indicated by a study of five selected rural housing development corporations.

TEXAS HOUSING REPORT
Austin: Department of Community Affairs, State of Texas, 1972, 79 pp.

Comprehensive survey of housing conditions and occupant attitudes; model for study. Many clearly understandable charts and tables. Concentrates on defining "substandard" and delineating where substandard housing exists.

DIFFERENCES IN THE QUALITY OF HOUSING OCCUPIED BY BLACK AND WHITE HOUSEHOLDS IN RURAL AREAS OF SOUTH-CENTRAL TENNESSEE, 1968, AGRICULTURAL ECONOMICS REPORT NO. 221
Walden, W. Charles
Washington, D. C.: Economic Research Service, U. S. Department of Agriculture, 1972, 30 pp.

Quality of housing measured by plumbing facilities; adequate space, home ownership also studied.

1971

POOR HOUSING BLIGHTS OUR COUNTRYSIDE
Bird, Ronald and Nolan Kegley
in A GOOD LIFE FOR MORE PEOPLES, 1971 YEARBOOK OF AGRICULTURE. Washington, D.C.: U. S. Government Printing Office, 1971, 391 pp., $3.50.

As income increases, quality of rural housing improves; owned homes are generally better than rented ones; aged who own homes face higher taxation; these and other issues of rural housing discussed.

THE SCANDAL OF RURAL HOUSING
Cochran, Clay L.
Architectural Forum 132(2):52-55. March 1971.
Recommendations for the two-thirds of the nation's substandard housing that is in small towns and rural areas.

HOUSING LOANS LEAD TO NEW COMMUNITIES
Dugan, R. F. and Allen Hoffard
in A GOOD LIFE FOR MORE PEOPLE, 1971 YEARBOOK OF AGRICULTURE. Washington, D. C.: U. S. Government Printing Office, 1971, 391 pp., $3.50.
Case histories of several rural communities' salvage through FHA rural housing loan programs and interested large industries working together.

FAMILY HOUSING HANDBOOK
Ames: Cooperative Extension Service, Iowa State University, 1971, 74 pp.
Planning adequate, comfortable, and functional housing, with emphasis on design. Example of Extension assistance available in housing planning.

MOBILE AND MODULAR HOMES: PROBLEM OR POTENTIAL HELP TO HOUSING DILEMMA?
Moyer, Harriett
Madison: Cooperative Extension Service, University of Wisconsin-Madison, 1971, 11 pp.
Advantages and disadvantages of mobile and modular homes, of interest to rural areas where mobile homes may supply needed housing.

RURAL HOUSING IN THE UNITED STATES: ESSENTIAL STEPS REQUIRED TO UPGRADE IT
Nygren, Maie
in THE QUALITY OF RURAL LIVING: PROCEEDINGS OF A WORKSHOP. Washington, D.C.: National Academy of Sciences, 1971, 83-95.
Well documented description of needs and current and proposed housing programs for rural America. Proposed research into economic soundness of housing improvement programs.

RURAL HOMEOWNERS' USE OF MORTGAGE CREDIT IN THE OZARK REGION, 1966, AGRICULTURAL ECONOMICS REPORT NO. 211
Spurlock, Hughes H.
Washington, D. C.: Economic Research Service, U. S. Department of Agriculture, 1971, 30 pp.
Finds trends toward greater use of mortgage credit, discusses sources of funds, amounts.

THREE STUDIES OF RURAL RENTAL HOUSING
Washington, D. C.: Rural Housing Alliance, 1971, 35¢.
Analysis of Farmers Home Administration housing programs to provide rentals in three Midwest states.

SMALL COMMUNITY NEEDS: A STUDY OF SMALL COMMUNITY NEEDS AS RELATED TO FEDERAL HOUSING AND COMMUNITY DEVELOPMENT ASSISTANCE
Washington, D. C.: U. S. Senate Commitee on Agriculture and Forestry, 92nd Congress, 1st Session, Committee Print, 1971, 156 pp.
Prepared for Department of Housing and Urban Development on contract. Purposes of study were to identify small community needs, determine effectiveness of Federal programs for them, and to make recommendations.

1970

COOPERATION FOR BETTER HOUSING
Byrd, Tom
Extension Service Review 41(1):14. January 1970.

A nonprofit corporation composed of civic and business leaders provides homesites at cost for poorly housed families. Extension Service cooperation and FHA finance provided. Good model for other communities.

A DEMONSTRATION PROGRAM OF RURAL HOUSING
Raleigh: Arnold Zogry Associates, 1970, 37 pp. Available: Interlibrary Center, D. H. Hill Library, North Carolina State University, Raleigh 27607.

Realizing the great need for better housing in the rural areas of the state, an area-wide housing program was implemented. Comprehensive report of the problems involved, planning, organization, and activities carried out.

DIMENSIONS OF RURAL HOUSING PROBLEMS
Hady, Thomas F.
Working paper available from the author, Chief of Community Facilities Branch, Economic Research Service, U. S. Department of Agriculture, Washington, D. C., 1970, 5 pp.

Speech text documenting current housing conditions and projected needs over the next decades in nonmetropolitan areas. Describes possible remedies. Good summary.

LOCAL HOUSING ORGANIZATIONS PROVIDE NEEDED HOMES
Appalachia 4(2):1-5. October 1970.

A program to help community and state governments and organizations, as well as private investors, to undertake sponsorship of housing projects.

PROCEEDINGS: NATIONAL EXTENSION HOUSING CONFERENCE, ATLANTA MEETING, 1970 (EXTENSION COMMITTEE ON ORGANIZATION AND POLICY)
Available from H. G. Diesslin, Director, Cooperative Extension Service, Purdue University, West Lafayette, Indiana 47907, 267 pp.

Contains papers in several areas of rural housing: changing scene in family housing, industrialized housing and environmental control, federal housing assistance programs, obtaining more resources for housing education, and the role of Extension.

RURAL HOUSING: TRENDS AND PROSPECTS
Washington, D. C.: U. S. Government Printing Office, 1970, 30 pp., 40¢.

HOUSING FOR MIGRANT AGRICULTURAL WORKERS, AGRICULTURE HANDBOOK 383
Simons, J. W., W. R. Parker, J. O. Newman, Peggy Tasker, B. C. Haynes, Jr., and R. H. Rule
Washington, D. C.: Agricultural Research Service, U. S. Department of Agriculture, 1970, 43 pp. Also available from U. S. Government Printing Office, 50¢.

Handbook to assist producers in meeting federal, state, and local government regulations to provide adequate housing for migrant workers.

RURAL HOUSING QUALITY IN THE OZARK REGION AS RELATED TO CHARACTERISTICS OF HOUSING UNITS AND OCCUPANTS, 1966, BULLETIN 758
Spurlock, Hughes H.
Fayetteville: Agricultural Experiment Station, University of Arkansas, 1970, 43 pp.

Study of economic, social, and institutional factors that affect housing supply, demand, and quality in a region with a high incidence of poorly housed families.

LOW-INCOME HOUSING: A CRITIQUE OF FEDERAL AID
Taggart, Robert, III
Baltimore: Johns Hopkins University Press, 1970, 146 pp.

Review of intended programs and purposes; suggests ways to improve them in the future. One chapter deals exclusively with subsidy programs for rural housing and rentals.

1969

RURAL HOUSING IN THE NORTHEASTERN COASTAL PLAINS AREA OF SOUTH CAROLINA, AER REPORT NO. 163
Hurst, Robert L.
Washington, D. C.: Economic Research Service, U. S. Department of Agriculture, 1969, 18 pp.

Area, housing, tenants, trends and potential are described. Costs of improving existing homes. Tables.